

19980325.qrp v01_n040.qrs.980325

Date: Wed, 25 Mar 1998 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1040

QRP-L Digest 1040

Topics covered in this issue include:

- 1) [6752] MilitaryTube Stuff
by Ronald_A_Pfeiffer@res.raytheon.com
- 2) [6753] WTB:Ten-Tec Items
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 3) [6754] Re: WAH000000 - I UPGRADED!!!!
by Mike Stapp <stapp001@gold.tc.umn.edu>
- 4) [6755] wanted, 38 special kit
by "Larry Edison" <edisonl@ttc.com>
- 5) [6756] Re: J-38
by "Frank A. West" <ke6vhm@earthlink.net>
- 6) [6757] RE: Wire for winding Baluns
by Tracy@bytemark.com (Tracy)
- 7) [6758] Re: Keyers, Bugs and stuff MORTALITY ISSUES - long
by Bruce Rattray <rattray@gpfn.sk.ca>
- 8) [6759] Re: QRP RTTY ?
by "Bob Edwards, W4ED" <w4ed@flash.net>
- 9) [6760] PK232mbx problem
by alan dawkins <alk0frp@earthlink.net>
- 10) [6761] Where to find Elmer Info:
by PDouglas12 <PDouglas12@aol.com>
- 11) [6762] Re: PK232mbx problem
by "George T. Baker" <w5yr@swbell.net>
- 12) [6763] Re: Need R.I. for WAS/QRP
by Ken Freedman <n1qqv@cshore.com>
- 13) [6764] Congrats and something is wrong!
by "Timothy J. Pettibone" <tpettibo@nmsu.edu>
- 14) [6765] Re: QRP RTTY ?
by kd7s@psnw.com (Bill & Merleigh Jones)
- 15) [6766] Re: Need R.I. for WAS/QRP
by Joe Gervais <vole@primenet.com>
- 16) [6767] Re: Congrats and something is wrong!
by Joe Gervais <vole@primenet.com>
- 17) [6768] Re: Congrats and something is wrong!
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 18) [6769] Any 15m kits out there?
by Maurice Rice <rice4@greenville.infi.net>
- 19) [6770] Re: [HomeBrew] Copy of QST Article

- by k5gq@juno.com (C M Tyler)
- 20) [6771] 160M Verticle
by k5gq@juno.com (C M Tyler)
- 21) [6772] Re: Any 15m kits out there?
by Paul Erickson <paul1@wizard.ucsfu.ca>
- 22) [6773] Re: Print & Parts List for NN1G's 4040 Xcvt
by "Tim, KD5CKP" <PROG922@worldnet.att.net>
- 23) [6774] IC-706MKII
by Tim Ahrens <tahrens@inetport.com>
- 24) [6775] Re: Congrats and something is wrong!
by Tim Ahrens <tahrens@inetport.com>
- 25) [6776] Radio Controlled Clocks
by DYARNES <DYARNES@aol.com>
- 26) [6777] Miniature key FS (telephone signalling key)
by W7LS <w7ls@blarg.net>
- 27) [6778] Re: Radio Controlled Clocks
by Vic Rosenthal <rakefet@rakefet.com>
- 28) [6779] Ten-Tec 6m xvrtr
by Andris Neimers <VitalVoice@compuserve.com>
- 29) [6780] Finally got my Call Sign
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 30) [6781] Wanted: J-38
by Bruce Hopkins - KL7JAF <kl7jaf@polarnet.com>
- 31) [6782] Re: Radio Controlled Clocks
by K4AHK@ix.netcom.com
- 32) [6783] Logging software
by "Michael Effron" <meffron@acy.digex.net>
- 33) [6784] Tasmania and others DX's with QRP and QRPP
by Stephane Collas <f5nzy@hol.fr>
- 34) [6785] Re: Logging software
by "Ken Hanks" <kennfd@ibm.net>
- 35) [6786] Re: Logging software
by Bob Patten <n4bp@bc.seflin.org>
- 36) [6787] PREMIER Communications Press Release #0023
by "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
- 37) [6788] Re: Radio Controlled Clocks
by Michael Neverdosky <MichaelN@cycat.com>
- 38) [6789] AB7CE de N0TU K
by "Steve Galchutt" <n0tu@webaccess.net>
- 39) [6790] Solid Copy?
by N1RGN <N1RGN@aol.com>
- 40) [6791] Re: Solid Copy?
by "John J. McDonough" <jjmcd@mdn.net>
- 41) [6792] Re: Solid Copy?
by Mike Manship <mjmanship@iquest.net>
- 42) [6793] Re: wanted, 38 special kit
by wayneet@juno.com
- 43) [6794] Re: Solid Copy?

- by hapence@erols.com
- 44) [6795] Re: Radio Controlled Clocks
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 45) [6796] CW OPERATING PRACTICES
by ARDUJENSKI <ARDUJENSKI@aol.com>
- 46) [6797] Re: CW OPERATING PRACTICES
by LYN WILLIAMS <designserv@ipass.net>
- 47) [6798] Re: PK232mbx problem
by kv7g@juno.com
- 48) [6799] Re: Solid Copy?
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 49) [6800] Re: Radio Controlled Clocks
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 50) [6801] Re: Radio Controlled Clocks
by Andy Fox <foxes@theriver.com>
- 51) [6802] Coax Connector Question
by Monte Stark <ku7y@dri.edu>
- 52) [6803] Re: Solid Copy?
by Monte Stark <ku7y@dri.edu>
- 53) [6804] Re: Tasmania and others DX's with QRP and QRPp
by Vic Rosenthal <rakefet@rakefet.com>
- 54) [6805] Re: Solid Copy?
by launerb@crl.com (William H. Launer)
- 55) [6806] Re: Solid Copy?
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 56) [6807] Re: IC-706MKII
by Charles Davis <cdavis@unlinfo.unl.edu>
- 57) [6808] Heath HW-99 band addition modifications
by "KA5T Larry Wise" <lewise@inetport.com>
- 58) [6809] 6 mtr xvrtr
by dave_epps@juno.com
- 59) [6810] Re: CW OPERATING PRACTICES
by "Paul R. Valko" <prvalko@oakland.edu>
- 60) [6811] Re: CW OPERATING PRACTICES
by Dave Sjolin <sjolin@swbell.net>
- 61) [6812] Re: Solid Copy?
by LYN WILLIAMS <designserv@ipass.net>
- 62) [6813] QRP-1 and CW-1 addendum...
by "Paul R. Valko" <prvalko@oakland.edu>
- 63) [6814] \$1 Whiterook Paddle "upgrade"
by Chris Cartwright <ccart@dns.vidtel.com>
- 64) [6815] Re: CW OPERATING PRACTICES
by Chris Cartwright <ccart@dns.vidtel.com>
- 65) [6816] Re: Solid Copy?
by Bob Patten <n4bp@bc.seflin.org>
- 66) [6817] Antenna -- Too short still worked.
by Ed Loranger <we6w@qsl.net>
- 67) [6818] Re: Coax Connector Question

by "S. Lee" <slee@u.washington.edu>
68) [6819] Century Club QRP and QRO
by Tim Pettibone <tpettibo@NMSU.Edu>
69) [6820] Mobile cw
by tom whalen <whalen@swcp.com>
70) [6821] Re: Antenna -- Too short still worked.
by Joe Gervais <vole@primenet.com>
71) [6822] Yes, Zeit does.
by Bob Hirsch <bobh@p3.net>
72) [6823] Net Checkins
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
73) [6824] Re: QRP-1 and CW-1 addendum...
by Jim Lowman <jmlowman@ix.netcom.com>
74) [6825] Re: QRP-1 and CW-1 addendum...
by "Brian K. Short" <shortckt@primenet.com>
75) [6826] Re: Antenna -- Too short still worked.
by eakwik@mail.hac.com
76) [6827] Re: Solid Copy? (CW Meanings)
by Joe Gervais <vole@primenet.com>
77) [6828] Posted for another Radio Op {WU9L}, For Sale, 2 QRP xcvs.
by wa5whn@juno.com
78) [6829] Re: Finally got my Call Sign
by Ed <edn4pk@VoyagerOnline.net>
79) [6830] elmer101: DC supply
by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
80) [6831] GM-15
by tom whalen <whalen@swcp.com>
81) [6832] Re: Mobile cw
by "Steve Galchutt" <n0tu@webaccess.net>
82) [6833] Re: Solid Copy?
by Kevin Bunin <p014455b@pb.seflin.org>
83) [6834] Re: GM-15
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
84) [6835] FW: Re: Solid Copy?
by gregoire@endor.com
85) [6836] HP1AC/QRP
by "Allan G. Taylor" <ataylor@heracles.llnl.gov>
86) [6837] Re: Solid Copy?
by "George T. Baker" <w5yr@swbell.net>
87) [6838] Re: Antenna -- Too short still worked.
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
88) [6839] Re: Antenna -- Too short still worked.
by Ed Loranger <we6w@qsl.net>
89) [6840] expansion of ATU/Delta item
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
90) [6841] Picnic Table Vertical
by Tracy@bytemark.com (Tracy)
91) [6842] Mobile noise

by Bill Crowley <bcrow@carte.net>
92) [6843] SASA hindsight
by John Dundas <jadlaw@soca.com>
93) [6844] Re: Picnic Table Vertical
by Joe Gervais <vole@primenet.com>
94) [6845] Re: Mobile noise
by kd4zkw <kd4zkw@amsat.org>
95) [6846] [Fwd: Mobile noise]
by Roger Hightower <n7kt@earthlink.net>
96) [6847] Re: Picnic Table Vertical
by Ed Manuel <n5em@flash.net>
97) [6848] TEK 2225 O'scope Help Needed
by Glen Reid <k5hgb@flash.net>

Date: Tue, 24 Mar 1998 19:01:41 -0500
From: Ronald_A_Pfeiffer@res.raytheon.com
To: qrp-l@Lehigh.EDU
Subject: [6752] MilitaryTube Stuff
Message-ID: <852565D1.00837F0A.00@ressud-as01.res.ray.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Got a T-784 transmitter with PP-2684 Power supply, GRC-109 manual,
a new(unused)6AC7 and new(unused)2E26. Bought them from FAIR RADIO
June 1997. Now have no need. Cost me \$87.22 (including shipping). I'll get
rid
of it for \$60.00 shipped in the CONUS.

Ron - N1ZSW

Date: Tue, 24 Mar 1998 20:02:29 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "=>Ten-Tec Reflector" <owner-tentec@contesting.com>, QRP-L Discussion Group
<QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [6753] WTB:Ten-Tec Items
Message-ID: <199803242004_MC2-37DA-D824@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Looking for two T-T items:

1. External VFO for Corsair I transceiver. Will pay top dollar for one in like-new condition.
2. #282 CW filters (the 250hz model).

If you have either item for sale, please advise. Thanks in advance :-)

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Tue, 24 Mar 1998 19:05:33 -0800
From: Mike Stapp <stapp001@gold.tc.umn.edu>
To: qrp-l@Lehigh.EDU, BuckPD@corning.com
Subject: [6754] Re: WAH000000 - I UPGRADED!!!!
Message-ID: <3518747C.5C5F@tc.umn.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Went to a VE exam session last night and upgraded to ADVANCED!!!
> WAH0000!! HAPPY DANCES ALL AROUND (the VE team must have thought I

While we'll miss ya on the N/T Fox hunts, NICE WORK! You deserve a tip of the QRP hat - you worked hard.

73 and congrats
Mike - KE0WW
Minneapolis
QRP-L 250

Date: Tue, 24 Mar 98 19:05:48 EST
From: "Larry Edison" <edison1@ttc.com>

To: qrp-1@Lehigh.EDU
Subject: [6755] wanted, 38 special kit
Message-ID: <9802248908.AA890800140@ccmail.ttc.com>

I am looking for a complete unassembled NORCAL 38 special kit. I didn't find out about this kit until NORCAL was sold out so I missed it. I will pay for kit + shipping.

Also, how do I get info on signing up for this list? I just found out about from an email that I received via the homebrew@qth.net server.

Larry
N2AYW

Date: Tue, 24 Mar 1998 17:41:55 -0800
From: "Frank A. West" <ke6vhm@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [6756] Re: J-38
Message-ID: <199803250140.RAA10615@sweden.it.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Mike I use a J-38 all the time, something wrong with that? HIHI
I do have others, but I like my J-38.
72 Frank

Date: Tue, 24 Mar 1998 20:56:47 -0500
From: Tracy@bytemark.com (Tracy)
To: "QRP-L (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [6757] RE: Wire for winding Baluns
Message-ID: <01BD5767.AD1192E0.tracy@bytemark.com>

Amidon (and hence, ByteMark) stopped carrying the Formvar wire mainly because the Thermaleze wire is, by my understanding, superior in the desired qualities and costs considerably less. We have directly replaced most of the formvar applications with thermaleze wire with no measurable difference.

The spacing referred to by Dr. Sevick is for the characteristic impedance of the transmission line being transformed. He notes numerous methods used to

achieve this spacing. We frequently use a Teflon tubing to space the conductors for the baluns we build in-house.

I've had in-depth conversations with Dr. Sevick regarding the building of QRP baluns and ununs. One of the things he stresses when building a balun on say an FT114-61, is this spacing. He suggests not using the enamel type coated wire at all - instead he suggests using the plastic coated hook-up wire because the insulation is closer to the thickness required to provide that optimum characteristic impedance.

Don't get stuck on the formvar. Try the thermaleze, and try other forms of coated wire. At QRP levels it really doesn't matter for anything but the spacing. And, of course, we still have the thermaleze in small quantities ...

Hope that helps.

Tracy Markham, N4LGH #1453

ByteMark Corporation Amidon Master Distributor

Tracy@orlando.com

Tracy@bytemark.com

www.bytemark.com/amidon

800 679-3184

Date: Tue, 24 Mar 1998 19:53:42 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Nils R Young <nilsbull@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6758] Re: Keyers, Bugs and stuff MORTALITY ISSUES - long
Message-ID: <Pine.SOL.3.91.980324195000.15893B-1000000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Nils....I vote for the Doobie Brothers Decibel System....that way it'll be loud and that always gets people's attention....man, are you organized!...72 - Bruce(VE5RC) - 'course after ur gawn they might jus bulldoze it all and that (sniff) would be a cryin' shame!

Date: Tue, 24 Mar 1998 22:05:21 -0500
From: "Bob Edwards, W4ED" <w4ed@flash.net>
To: Mike - W0TMW <crucis@sky.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6759] Re: QRP RTTY ?

Message-ID: <35187471.2B219981@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike - W0TMW wrote:

> might try out RiTTY. You can get a working demo at:
> <http://www.megalink.net/~n1rct/rit2/rit2.html>
> RiTTY prints signal that don't even wiggle the S-meter.....

Thanks again Mike, for the quick reply & exact key info.

I'll try RiTTY after giving BLT-XMT a go.

For anybody following my BTL/RTTY progress,
I needed these BTL settings :

45 baud (60 wpm),
170 hz shift,
LSB in BTL and on the XCVR,
US character set,
start without narrow filter (NAR)

I just listened to VP8CKN working US stations on 14.084 mhz, neat.

--

Bob 72/73

<http://www.qsl.net/w4ed>
W4ED nr Atlanta @EM73wt

...."QRP", more from less....

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      /|
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    /  | \
   /| / E | \
  /_|/____|__\
 [ \-----/
```

Date: Tue, 24 Mar 1998 19:16:44 -0700
From: alan dawkins <alk0frp@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [6760] PK232mbx problem
Message-ID: <3518690C.514@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang

Bought a PK232 with mbx daughter-board. My Gateway P120 Laptop says it is not connected or not turned on. am using rs232 to Db9 straight cable, com1 port. Tried rs232 to lpt1 and changed port config and still errored the connect to PK232. Tried a diff cable still the same.

Using packrat II and also tried packet gold. both same. Is the PK232 gone south or is it my laptop.????

Al K0FRP

Date: Tue, 24 Mar 1998 21:19:38 EST
From: PDouglas12 <PDouglas12@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [6761] Where to find Elmer Info:
Message-ID: <ba85ccf.351869bc@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi gang,

I am still receiving inquiries on how to get in on the Elmer course. First place to go is Rick's page at <http://www.qsl.net/kf4trd/> He has a FAQ (frequently asked questions) section that will get you started. Also look at Chuck's web page at http://reality.sgi.com/employees/adams_dallas/ and scroll down to the Elmer buttons. Of course, you should save some time to look at the rest of Chuck's page, as it is fun and very qrp related!

Hope this helps.

72,

Preston Douglas WJ2V

Date: Tue, 24 Mar 1998 20:31:24 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: alk0frp@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6762] Re: PK232mbx problem
Message-ID: <35186C7C.9AD5F955@swbell.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Probably neither, Al. My 232 has a 25-pin connector, BUT, several of the higher-numbered pins are reserved for use with the proprietary AEA cable which is Y-ed to connect to a printer as well as the computer. The documentation warns against using a "standard" RS-232 cable since you could damage the circuits that provide the printer output. Check your documentation and make sure that there is no connection to those reserved pins.

Good luck!

--
72/73, George
Amateur Radio W5YR
QRP-L #1373
QRP ARCI #9583
AutoPOWER Systems
Fairview, TX

alan dawkins wrote:

>
> Gang
>
> Bought a PK232 with mbx daughter-board. My Gateway P120 Laptop says it
> is not connected or not turned on. am using rs232 to Db9 straight cable,
> com1 port. Tried rs232 to lpt1 and changed port config and still errored
> the connect to PK232. Tried a diff cable still the same.
> Using packrat II and also tried packet gold. both same. Is the PK232
> gone south or is it my laptop????
>
> Al K0FRP

Date: Tue, 24 Mar 1998 21:47:25 -0500
From: Ken Freedman <n1qqv@cshore.com>
To: qrp-l@Lehigh.EDU
Subject: [6763] Re: Need R.I. for WAS/QRP
Message-ID: <3.0.32.19980324214440.006a2eb4@cshore.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:09 AM 3/24/98 -0800, you wrote:

>>.... Here in CA New England is just a figment of someone's

>>imagination.

OK guys, I'm in Connecticut, about a forty minute drive from the Rhode Island border.

What am I bid....

Ken Freedman
AKA N1QQV/QRP ARRL VE, QRP-L

Date: Tue, 24 Mar 1998 19:54:00 -0700
From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>
To: qrp-l@Lehigh.EDU
Subject: [6764] Congrats and something is wrong!
Message-ID: <3.0.3.32.19980324195400.0069992c@dante.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Congrats to all of the recent upgrades. Good to hear all of that dancing going on.

But, something is wrong. Here it is Tuesday and I haven't heard a fox or hound!

Tim K50I

p.s. Still sanding my Norcal paddle base.

Date: Tue, 24 Mar 1998 19:22:08 -0800 (PST)
From: kd7s@psnw.com (Bill & Merleigh Jones)
To: qrp-l@Lehigh.EDU
Cc: w4ed@amsat.org
Subject: [6765] Re: QRP RTTY ?
Message-ID: <199803250322.TAA14087@sierra.psnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Bob,

I'm using BTL 1.54 and it is a star performer. This is software worth the registration fee many times over.

I have my center frequency set at 750 Hz just because I like it there. My settings along the bottom of the screen are as follows:

Shift 170
Baud 45
(character set) EXT (hit the letter "E" to set
(shift/unshift) UNS
(word/character) W

Make absolutely sure your transceiver is set to LSB regardless of the band in use.

Likewise, make sure that BTL is set to LSB (pressing the "S" key toggles between USB and LSB)

Confirm that you are not using Reverse Sideband (RXR showing on the bottom line.) Use the "R" key to toggle.

When you tune an RTTY station, does your signal strength indicator hover around mid-scale? It should be constantly moving in unison with the received signal.

One last thing, Bob. Make 100% sure you're trying to copy an RTTY signal and not a PACTOR station. If you're unsure what an RTTY station sounds like, write back and I'll try to describe the differences between the two.

=====
Bill Jones - KD7S <><
Merleigh Jones - DIR (Declutterer In Residence :-)
Sanger, California
=====

Date: Tue, 24 Mar 1998 20:22:41 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: n1qqv@cshore.com
Cc: qrp-1@Lehigh.EDU
Subject: [6766] Re: Need R.I. for WAS/QRP
Message-ID: <199803250322.UAA16940@usr09.primenet.com>

Ken (N1QQV) wrote:

>
> OK guys, I'm in Connecticut, about a forty minute drive from the Rhode
> Island border.
>
> What am I bid....

All the pork rinds you can eat, and a six-pack of
Jolt Cola ("All the sugar and twice the caffeine!").

: -)

Cheers de AB7TT (Who only needs QRP RI for 2xQRP WAS),

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Tue, 24 Mar 1998 20:25:45 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [6767] Re: Congrats and something is wrong!
Message-ID: <199803250325.UAA17124@usr09.primenet.com>

Tim (K50I) wrote:

>
> Congrats to all of the recent upgrades.

Indeed! No wonder we don't have many N/T+'s on QRP-L -
they all upgrade to Advanced/Extra within a year of
subscribing. :-)

> But, something is wrong. Here it is Tuesday and I haven't heard a fox or
> hound!

I did, on the way home. It was coming from the fan
belt. Help.... :)

Speaking of, is the '97-98 Fox Season truly over?
My wife really wants to know if *she* can do the
Happy Dance now. ; -)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Wed, 25 Mar 1998 03:31:55 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: vole@primenet.com
Cc: qrp-1@Lehigh.EDU
Subject: [6768] Re: Congrats and something is wrong!
Message-ID: <199803250331.DAA16030@chuck.dallas.sgi.com>

Joe,

Your wife can do the happy dance now. :-)

The judges are busy tallying the scores for posting later this week.

Everyone save next Tuesday night open though. Seems apropos that night will be April 1 of 1998. :-) Also be ready to turn down the power to under 1 W though.

Everyone will have to agree it just seems like yesterday the hunt started and now another year has gone by. So many pelts and so little time.....

We will work no fox before their time, UTC or otherwise. ;-)

dit dit
Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Tue, 24 Mar 1998 22:20:24 -0800
From: Maurice Rice <rice4@greenville.infi.net>
To: qrp-1@Lehigh.EDU
Subject: [6769] Any 15m kits out there?
Message-ID: <3518A228.6FD5@greenville.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> 15 meters was wide open today ...

Anyone know of a 15m monoband qrp kit on the market? Will also consider previously-owned rigs.

OHR did have a 15m version of the 100, but all have been sold.

First 12 years of my ham career was spent using the Argonaut 509 and 15m CW was always exciting! Had a great ragchew with VK5NRE late one nite from SC. (my late nite -- his lunch hour!)

Itching to get back to 15!

72

Maurice KA4NIV
QRP-L#1158 ARS#179

Date: Tue, 24 Mar 1998 21:45:30 -0800
From: k5gq@juno.com (C M Tyler)
To: wphinizy@connect3.com
Cc: qrp-l@Lehigh.EDU
Subject: [6770] Re: [HomeBrew] Copy of QST Article
Message-ID: <19980324.221339.4518.6.k5gq@juno.com>

Did you post your request to

qrp-l@Lehigh.EDU

Mark Tyler
K5GQ/m Houston TX
QRP-L 794 ARRL VE since 85

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 24 Mar 1998 21:23:32 -0800

From: k5gq@juno.com (C M Tyler)
To: qrp-1@Lehigh.EDU
Cc: wa5uzb@juno.com
Subject: [6771] 160M Verticle
Message-ID: <19980324.221339.4518.4.k5gq@juno.com>

Please reply to Alan at wa5uzb@juno.com and not to sender.

Got a question ---- have you ever seen a design for a shortened (really short) vertical for 160 meters? I have a design that takes about 40 feet of antenna plus the base loading, but I've tried to get something that was about 30 feet with perhaps some active guy wires (aka radials acting as a top hat) for the back yard. Since the trees are scarce, I've been looking around. If you have something, let me know please.

73,

alan, wa5uzb

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 24 Mar 98 20:42:49 PST
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: rice4@greenville.infi.net
Cc: qrp-1@Lehigh.EDU (qrp)
Subject: [6772] Re: Any 15m kits out there?
Message-ID: <9803250442.AA17673@wizard.ucs.sfu.ca>

>
> > 15 meters was wide open today ...
>
> Anyone know of a 15m monoband qrp kit on the market? Will also consider
> previously-owned rigs.

Check out the GM-15 from D. Benson NN1G (Small Wonder Labs). You won't be disappointed.

cheers, Paul VE7CQK/email: paul1@wizard.ucs.sfu.ca
>
> Maurice KA4NIV
> QRP-L#1158 ARS#179
>

>
>

Date: Tue, 24 Mar 1998 22:11:23 -0600
From: "Tim, KD5CKP" <PROG922@worldnet.att.net>
To: ku7y@dri.edu
Cc: qrp-l@Lehigh.EDU
Subject: [6773] Re: Print & Parts List for NN1G's 4040 Xcvt
Message-ID: <351883EB.221E@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monte Stark wrote:

>
> Hi Tim,
>
> How much would you pay per month to have QST on line instead of in your
> mail box?
>
> Said another way, where would the money come from if they put it on line
> for free?
>
> cul,
> --
> 73, Ron, KU7Y
>
> NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
> QRP ARCI #8829-----NorCal #330-----QRP-L #17-----ARS #49
> AR QRP #150-----DM09cg-----New Washoe City, NV

I have been flamed for this one all day. I give.

submisivly

Tim, KD5CKP
--

Tim, KD5CKP
QRP-L #1510
<http://home.att.net/~prog922>

Date: Tue, 24 Mar 1998 23:44:17 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: qrp-1@Lehigh.EDU
Subject: [6774] IC-706MKII
Message-ID: <351899B1.DE624EC4@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Got the 250 Hz filter for it today, and it makes things sooo nice! Glad I got the narrow one. Worked WDOHBR for about 45 minutes tonite on 40... 599 both ways. He was using 80 watts & a dipole up 50', and I was at 4 watts with phased array. Wish I could have cranked it down more to see what we could do. BTW he was in Lincoln Nebraska.. think that's my first Nebraska in 30 years! He has an 'old' QRP rig that has blown finals.. he might fix & get on. He was surprised what 4 watts would do! hehe

Thanks for the BW folks

Tim W5FN

Date: Tue, 24 Mar 1998 23:48:46 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: tpettibo@nmsu.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6775] Re: Congrats and something is wrong!
Message-ID: <35189ABE.432361C7@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Timothy J. Pettibone wrote:
<snip>

something is wrong. Here it is Tuesday and I haven't heard a fox or
> hound!

Boo hoo... gotta find that bottle of pills I had prescribed about
this time last year... same symptoms!

Hey Tim, I got both a bench grinder & handheld... sure would make

things go a lot quicker on that base... at this rate, you will be getting more foxes before it's done! :-)

cu

Tim W5FN

> Tim K5OI
>
> p.s. Still sanding my Norcal paddle base.

Date: Wed, 25 Mar 1998 00:50:45 EST
From: DYARNES <DYARNES@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [6776] Radio Controlled Clocks
Message-ID: <3ce1e1f.35189b38@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang,

A while back there was a thread about those clocks that monitor WWV on 60 khz and automatically adjust time, date, etc. I had already acquired the Radio Shack version (made by Oregon Scientific) for around \$50, but some were talking about the Zeit version at \$80-\$100. I have since seen the Zeit version advertised for \$69, but last week I saw the "real deal" in my view. I was in San Diego for several days (lots of golf, but some business too--even some QRP), and happened to go into Fry's Electronics. They had an Oregon Scientific version (very similar to my Radio Shack model) for only 29 bucks! Hard to beat. It doesn't have a 24 hour mode, but does show A.M. and P.M., the date, and has an alarm. It also has an "indiglo" light feature which is very nice at night.

I passed up the deal in San Diego because I already had one, but today I was in Phoenix (they have a Fry's there too--don't have one here in Tucson) and decided to get a second one for my desk. It's already tracking WWV, and is absolutely precise, as it should be. Just thought some of you might be interested.

72 de David W7AQK

BTW, I am pleased with my Radio Shack model as well, but no sense getting one of those at their price as long as you can get to a Fry's. These two clocks

are only VERY nominally different.

D.

Date: Tue, 24 Mar 1998 21:59:05 -0800
From: W7LS <w7ls@blarg.net>
To: qrp-1@Lehigh.EDU
Subject: [6777] Miniature key FS (telephone signalling key)
Message-ID: <35189D29.5497@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. I picked up a miniature cw key a little while ago and have to move it to pay for the next toy in line :-)

It is from some sort of a telephone signalling machine. Has the number "2" on the key. Has a closure switch. Wires are typical of a Western Electric setup. Man, it is the smallest key I have ever seen. Well made, too. Looks like it would fit inside a 35 mm film can, with the lid on. Has a good feel to it. \$50 (MO or cashier's check preferred) and shipping, which will probably amount to about a buck. I'd probably even use a film can to ship it!

73 de Jim, W7LS

Date: Tue, 24 Mar 1998 22:16:09 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: DYARNES@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6778] Re: Radio Controlled Clocks
Message-ID: <3518A129.DF7E236@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

DYARNES wrote:

>

> A while back there was a thread about those clocks that monitor WWV on 60 khz
> and automatically adjust time, date, etc.

I would absolutely love to get one of these IF it would display UTC in 24-hour time

along with local time. As far as I know, none of them (not the RS and not the

Zeit)

can do this. If I'm wrong, please let me know.

I'd also like one that would count down the seconds until the K2 will be available,
but I guess that's asking too much.

Vic K2VCO

Date: Wed, 25 Mar 1998 01:25:50 -0500
From: Andris Neimers <VitalVoice@compuserve.com>
To: QRP-L reflector <qrp-l@Lehigh.EDU>
Subject: [6779] Ten-Tec 6m xvrtr
Message-ID: <199803250126_MC2-37DC-CAB9@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Dave asked:-

"Has anyone built the ten tec 6 mtr transverter kit?
What I need to know is. Will my ten tec on 14.060 come out on 50.060?
dave ab5pc fresno, ca."

The answer is: given proper alignment - yes!... Or were you asking how accurate/stable this rig is?? It's stable... I built mine two years ago and
am very pleased with it...

Andy/VE7FJT
Bowen Isl., B.C.

Date: Tue, 24 Mar 1998 23:58:09 +0000
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: QRP <qrp-l@Lehigh.EDU>, Don Tuttle <dwtuttle@ghnw.ghc.org>, John Brownfield <JBrownfiel@aol.com>, Mike KC7WPQ <kc7wpq@juno.com>,
Mike Myers <MBMYERS@ewu.edu>, Paul Lundy <plundy@max.state.ia.us>, Ron Madnick <RMAD@juno.com>, Warren Mundell <wmundell@ewu.edu>,
Subject: [6780] Finally got my Call Sign
Message-ID: <35184891.3FCED7DF@nextdim.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

Just wanted to let everyone know that I was assigned my call-sign tonight by the FCC. I called their 1-800 number. I was told that QRZ wouldn't get it until later. Now I can talk (ragchew) on the hand-held :-). Talk to you all later. Time to turn go to bed (11:57PM)...tomorrow's another work day.

--

Chuck Snyder (KD7BBF) <== BAND NEW CALL SIGN!!!
<http://www.nextdim.com/users/csnyder/index.htm>
QRP-L #1462
Spokane, WA

Date: Tue, 24 Mar 1998 23:07:28 -0900
From: Bruce Hopkins - KL7JAF <kl7jaf@polarnet.com>
To: qrp-l@Lehigh.EDU
Subject: [6781] Wanted: J-38
Message-ID: <[v03007800b13e69aa01f3@\[204.119.15.66\]](mailto:v03007800b13e69aa01f3@[204.119.15.66])>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

All this recent talk about J-38's reminded me that I still need to find one to complete my original 1960 Novice station... My wife (Santa - KL7WW) put a S-38C and a Globe Chief Deluxe under the tree year ago last so I have my original transmitter and receiver back... Now if I can find a J-38 in original condition the station will be complete... Anyone out there have one that they are looking to part with to a good home ??? I hear that they turn up at most Hamfests of any size but we don't have those up here unfortunately...

Take care and have fun...

72 / 73 / oo's - Bruce - KL7JAF

"Alaska QRP Club" - Web Site: <http://www2.polarnet.com/~bhopskins/akqrp>

Date: Wed, 25 Mar 1998 05:30:22 -0500
From: K4AHK@ix.netcom.com
To: rakefet@rakefet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6782] Re: Radio Controlled Clocks
Message-ID: <3518DCB9.523D@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was given a Zeit WWV clock for Christmas. The clock shows local and GMT time - but in 12 hour format only - not 24 hour.

It was working just fine in the shack until I fired up the six meter rig. Now the WWV receiver is dead. \$\$ down the drain.

Bill - K4AHK

Date: Wed, 25 Mar 1998 05:47:49 -0500
From: "Michael Efron" <meffron@acy.digex.net>
To: qrp-1@Lehigh.EDU
Subject: [6783] Logging software
Message-ID: <199803251034.KAA29228@pony-1.mail.digex.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I thought I remembered reading, either here on the list or the QQ, about a shareware logger that may have been customized for the ARCI tests and other QRP activities. If so, would anyone care to comment on it's whereabouts?

Also interested in reading what other folks are using for general logging as well as tests. Is there an easy to use, no frills,(ie: no need for rig control, keying, cluster interface, etc.) program that could be configured for both needs.

Thanks - Mike

P.S. - Had a QRP+, a 40 mtr hamstick and a Whiterook in the truck last Sunday and worked W2XC/QRP and W8DL/QRP. If you're on the list fellows, thanks for my first two towards WAS QRP/M.

<<----- Michael Effron ----->>

email - meffron@acy.digex.net
amateur radio - ka2pqy

Date: Wed, 25 Mar 1998 12:31:27 +0100 (CET)
From: Stephane Collas <f5nzy@hol.fr>
To: qrp-l@Lehigh.EDU
Cc: g4bue@adur-press.prestel.co.uk, peter@barville.demon.co.uk, crucis@sky.net
Subject: [6784] Tasmania and others DX's with QRP and QRPP
Message-ID: <199803251131.MAA15444@mail3.hol.fr>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello QRP Gang,

First of all, I'd like to thank Mike, W0TMW, who introduced me to this great QRP stuff.

Yesterday evening, I spent a half hour or so calling CQ at 5w on 14060 Khz. No reply at all ! The conditions were, however, good. I moved the dial down and worked a lot of US stations from East and Middle East areas. Got some reports around 559/569.

Hey, American guys, do you keep an ear open on 14060 Khz ?

Today, in the morning, I switched on the transceiver and felt on ZL2KIM frequency. He is 579. I tune the transmitter and give him 2 calls. Hey, H000T D000G ! I crack the pile-up. But I was QRO (100Watts)...

I move the dial and hear about VK7WR. This time I decide to try QRP. Phil from Ulverstone gives me 529 at 5W and 339 at 1w.

O N E W A T T ! ! !

My computer tells me that the QRB is 17210 Kms (10694 Miles) with 13 jumpsss :-)

It is my very first VK7 at QRP level. Of course, it is often the case for QRP big Dx's, Phil gave me his personnal address and I am going to send him a direct QSL.

Don't forget, It can only happens with Ham radio.

What is your best DX souvenir ?

-

Take care and keep up the good work.

Stephane Collas, F5NZY, *** G-QRP #5778 ***, QRP-L #1511.

Email : f5nzy@hol.fr

Location: Paris, France.

Everything looks impossible for the people who never try anything.

Dr Jean-Louis Etienne.

Date: Wed, 25 Mar 1998 06:45:24 -0500

From: "Ken Hanks" <kennfd@ibm.net>

To: <meffron@acy.digex.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>

Subject: [6785] Re: Logging software

Message-ID: <01bd57e3\$7f7049e0\$217f2581@kh>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Michael:

I have been using Log-EQF for over 1 year. It has the features you don't want (rig control, packet). Log-EQF is a DOS based program and will run on anything from an old XT to a Pentium. Can even be run off a floppy disk.

There is a shareware version at: <http://itis.net/eqf/> Registered version gives you DXCC, WAS, and WAC reports.

Really easy to use and excellent customer service if you register.

You can customize the contest mode for almost any event.

73, Ken Hanks K1XS@ibm.net

Date: Wed, 25 Mar 1998 07:06:18 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Michael Effron <meffron@acy.digex.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6786] Re: Logging software
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Mar 1998, Michael Effron wrote:

> I thought I remembered reading, either here on the list or the QQ,
> about a shareware logger that may have been customized for the ARCI
> tests and other QRP activities. If so, would anyone care to comment
> on it's whereabouts?
QRP Pal by Bruce Milne. I have it on my BBS and can send it to you as a
file attachment if you like. But the file size is 1MB+

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Wed, 25 Mar 1998 07:35:12 -0500
From: "Watson R Gabriel Jr" <wgabriel@duke-energy.com>
To: qrp-1@Lehigh.EDU
Subject: [6787] PREMIER Communications Press Release #0023
Message-ID: <852565D2.0045017A.00@dpcmail.dukepower.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

In case this may interest you...

Watson/WB4EXW

PREMIER Communications Press Release #0023
24 March 1998

K06UX INTERVIEWED BY NEWSLINE

ADI / PREMIER's own Ken Collier, K06UX, was recently interviewed by Amateur Radio's Newsline, the independent, on-the-air bulliten service run by Bill Pasternack, WA6IFT, and other volunteers. The interview focused on the possibility of ADI producing a low-cost High Frequency ham radio in the distant future.

Portions of the interview and the associated news story can be found in Newsline #1075, which was released on Friday March 20, 1998. You can hear newslines on the air during most amateur radio clubs nets. The text based version of Newsline can also be browsed on the World Wide Web at <http://www.arnewsline.org>, or you can listen to Newsline via RealAudio by visiting <http://tapr.org/newsline/index.html>.

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WWW: <http://www.adi-radio.com>

Date: Wed, 25 Mar 1998 07:49:52 -0500
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.EDU>
Subject: [6788] Re: Radio Controlled Clocks
Message-ID: <3518FD70.DDA763A8@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I want one that displays UTC time and date.

This will save a lot of confusion, ever see how a celestial nav fix comes out when you use the wrong day??? Even worse than missing a fox day. :-)

michael N6CHV (now in central FL, about to move to PA)

rakefet@rakefet.com wrote:

>

> DYARNES wrote:

> >

> > A while back there was a thread about those clocks that monitor WWV on 60 khz

> > and automatically adjust time, date, etc.
>
> I would absolutely love to get one of these IF it would display UTC in 24-hour
time
> along with local time. As far as I know, none of them (not the RS and not the
Zeit)
> can do this. If I'm wrong, please let me know.

Date: Wed, 25 Mar 1998 05:53:28 -0700
From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [6789] AB7CE de N0TU K
Message-ID: <007701bd57ed\$27181fc0\$3ca8a3cc@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Roy...Enjoyed the Sierra to Sierra QSO last nite on 40m...couldn't
believe that W8/QR0o station dropping in on top of ur CQ...Glad he left. Tks
fer the FUN QSO... wished cndx were better for a rag chew about the Sierras!
72...Steve

n0tu - solar powered QRP & wire antennas @ 7,200' ASL
Monument, Colorado - Grid Sq DM79nb
email: n0tu@webaccess.net

Date: Wed, 25 Mar 1998 08:00:09 EST
From: N1RGN <N1RGN@aol.com>
To: QRP-L@Lehigh.EDU
Subject: [6790] Solid Copy?
Message-ID: <920a90f0.3518ffdd@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

QRP-Lers,

What exactly are people looking for when they ask "Hw cpy?" I have heard
others respond "Solid Copy" so that is how I always respond to the question.

Are they asking if I have received everything they sent? I thought "RRR" informed them that I had received all of their message. I don't think they are asking for information on their signal because I provided that in the RST. I have looked in the Operating manual and the Handbook but I have not found anything on this topic. So what are they looking for?

Thanks for your help.
N1RGN

Date: Wed, 25 Mar 1998 08:16:00 -0500
From: "John J. McDonough" <jjmcd@mdn.net>
To: <N1RGN@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [6791] Re: Solid Copy?
Message-ID: <199803251308.4350300@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: N1RGN <N1RGN@aol.com>; owner-qrp-l@Lehigh.EDU
> What exactly are people looking for when they ask "Hw cpy?"

I think that's the morse abbrteviaion for "I've run out of things to say"

Odd thing the other nite - I had a nice chat with KJ3V when the band fell out from under us. We apparently then both turned to QRP-L ... we had postings a few minutes apart! Small world...

72/63 de WB8RCR

Date: Wed, 25 Mar 1998 08:17:15 -0500
From: Mike Manship <mjmanship@iquest.net>
To: QRP-L@Lehigh.EDU
Subject: [6792] Re: Solid Copy?
Message-ID: <3.0.2.32.19980325081715.00876910@pop.iquest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:00 AM 3/25/98 EST, you wrote:

>QRP-Lers,

>

>What exactly are people looking for when they ask "Hw cpy?" I have heard
>others respond "Solid Copy" so that is how I always respond to the question.
>Are they asking if I have received everything they sent? I thought "RRR"
>informed them that I had received all of their message. I don't think they
>are asking for information on their signal because I provided that in the
RST.
>I have looked in the Operating manual and the Handbook but I have not found
>anything on this topic. So what are they looking for?
>
>Thanks for your help.
>N1RGN

99% of the time it is merely "polite talk" similar to "How's it goin', eh"
which really doesn't require any specific answer. At least that's the way
I see it.

W90J

Date: Wed, 25 Mar 1998 08:37:21 EST
From: wayneet@juno.com
To: qrp-1@Lehigh.EDU
Subject: [6793] Re: wanted, 38 special kit
Message-ID: <19980325.083559.8095.1.wayneet@juno.com>

I'd like to buy one of these kits too, if there are any unbuilt ones to
be found.

Thanks,

John Harper AA5YX/2
<http://home.att.net/~j..harper>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 25 Mar 1998 09:08:58 -0500
From: hapence@erols.com
To: N1RGN@aol.com
Cc: qrp-1@Lehigh.EDU

Subject: [6794] Re: Solid Copy?
Message-ID: <2.2.32.19980325140858.006ed140@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

N1RGN:

I suspect most of that stems from habit -bad, or perhaps, they may be having sig problems at their end.

I respond with 'fb' unless the RST has changed significantly or on the occasion of a 'terrible fist' I may reassure the sender that I indeed am getting "solid copy" (on a number of QSO's the sender has been been impaired - over ninety, had a stroke, been very nervous, etc,.).

BTW, sending is one of the areas very poorly, if at all, taught, and almost never tested by the VECs; we reap what we sow...

Grover KQ4AL

Date: Wed, 25 Mar 1998 14:27:20 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: rakefet@rakefet.com
Cc: qrp-1@Lehigh.EDU
Subject: [6795] Re: Radio Controlled Clocks
Message-ID: <199803251427.0AA17180@chuck.dallas.sgi.com>

Vic et.al.,

Yes, all the clocks that I have seen with WWV receiver builtin are setup for US time zones, EST,CST,MST, and PST. Gotta remember that most of the US population doesn't know, much less care about, UTC and until the US becomes like the rest of the world and starts using 24 hour format the radio amateur community is going to just have to wait for readily available off the shelf inexpensive clocks . :-)

I'd think if we found a web site to give the companies like Zeit and Oregon Scientific enough feedback, we could attempt to influence them a little to get 24hr UTC displays. The chips internally already have the info.

Vic, it is very funny that you mention the Fry's deal. Phyllis and I were at Fry's two nights ago to look for another 37mm closeup

macro lens for the Epson Digital Camera and I had seen the clock ad in the Dallas Morning News on Sunday, so I just had to go look. :-) What was funny, and Phyllis laughed at this too, was that one of the boxes 'beeped' when I picked it up and it beeped when I gently shook it too. Didn't do a thing just sitting on the shelf. :-)

Another thing about the Zeit clock. We have all seen the prices dropping in QST ads. But at the same time in Sky and Telescope and the astronomy magazines the prices haven't been coming down as fast. Must be more demand there and more money. And I'd think that astronomers would really demand to have a UTC display.

All these clocks are based on a single chip receiver manufactured in Europe. I used to have the web site but due to a loss of my bookmarks I am at a loss to give that address and a quick search on the web didn't turn up the info. Alta Vista and Yahoo give so many links to keywords like WWV, clocks, accurate time keeping, etc. We are just about to the point where all of human knowledge is at our fingertips almost instantly. And I was stupid enough to put that in a book more than 20 years ago.

This group will appreciate this also. In the Sunday Dallas Morning News there was a cartoon with guy sitting in his Lazy Boy watching the news on TV. Cartoon by Steve Green/Asbury Park Press. First frame - "A recent study found U.S. school kids lag behind the rest of the world in Science and Math ...". Second Frame - "In other news, American Astronomers have miscalculated the proximity of an asteroid....". :-) This was probably in all the national newspapers. I made a few copies to send to my major prof and my son as I knew they would get a kick out of it.

I'm still suprised that noone in this group has yet come up with a simple 10MHz crystal controlled receiver with a PIC to keep accurate time with VCO local oscillator to output a frequency standard like the Heath Most-Accurate clock..... K1MG has the clock in a display with counter.

OK, back to your regularly scheduled programming.

I have updated the SW-40+ schematics on the web page and a new postscript file in place also for the Elmer101 people.

dit dit

Chuck Adams K5FO Dallas, TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Wed, 25 Mar 1998 09:38:12 EST
From: ARDUJENSKI <ARDUJENSKI@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [6796] CW OPERATING PRACTICES
Message-ID: <841bdb11.351916d5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The string on SOLID COPY I think points out the fact there is no good source for "preferred" or standard operating procedures. You get bits and pieces from the OPERATING HANDBOOK and from misc. sources. Simple questions such as when do I send info 2-3 times or just once? When repeating info I hear stations send a "?" between the repeats is that standard? When you send "RRR" does that mean you got the message or solid copy? Does "solid copy tell the other operator not only can you hear the station but can copy at his sending speed? (Note there are times I can copy some ops 75%...enuff to get the message but not enuff for 100% copy).

As was pointed out we get what we sow. For new operators like me what we learn in our early years becomes standard procedures. It might be a great service for this group or maybe one of the clubs or even individuals to draft up a GOOD OPERATING PROCEDURES. We may not get 100% consensus but in those areas we could publish the various methods.

Regarding the sending, I agree we should address that also. We are all at fault in not telling a fellow ham he needs to space more between letters, etc. Encourage recording our sending from time to time and review. Sometimes our criticisms of others fall may stem subconsciously from our own weaknesses.

Just a thought for the day....Alan KB7MBI

Date: Wed, 25 Mar 1998 09:37:03 -0800
From: LYN WILLIAMS <designserv@ipass.net>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6797] Re: CW OPERATING PRACTICES
Message-ID: <351940BF.7F3DD02F@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ARDUJENSKI wrote:

> The string on SOLID COPY I think points out the fact there is no good source
> for "preferred" or standard operating procedures. You get bits and pieces from
> the OPERATING HANDBOOK and from misc. sources. Simple questions such as when
> do I send info 2-3 times or just once? When repeating info I hear stations
> send a "?" between the repeats is that standard? When you send "RRR" does that
> mean you got the message or solid copy? Does "solid copy tell the other
> operator not only can you hear the station but can copy at his sending speed?
> (Note there are times I can copy some ops 75%...enuff to get the message but
> not enuff for 100% copy).
>
> As was pointed out we get what we sow. For new operators like me what we learn
> in our early years becomes standard procedures. It might be a great service
> for this group or maybe one of the clubs or even individuals to draft up a
> GOOD OPERATING PROCEDURES. We may not get 100% consensus but in those areas we
> could publish the various methods.
>
> Regarding the sending, I agree we should address that also. We are all at
> fault in not telling a fellow ham he needs to space more between letters, etc.
> Encourage recording our sending from time to time and review. Sometimes our
> criticisms of others fall may stem subconsciously from our own weaknesses.
>
> Just a thought for the day....Alan KB7MBI

Very good points, Alan. I concur, and -- as of right now -- I think you're the best man for the job. You've got my vote.

Lyn,
W4WDN

Date: Wed, 25 Mar 1998 08:12:29 -0700
From: kv7g@juno.com
To: alk0frp@earthlink.net
Cc: qrp-l@Lehigh.EDU
Subject: [6798] Re: PK232mbx problem
Message-ID: <19980325.081229.3910.0.kv7g@juno.com>

Al

PK-232's can be mighty finicky about software. You may have to do
A 'hard' reset on the microprocessor. On the older one's you have to
remove the cover and move a jumper to reset it. then put the jumper back

on. On the newer one's there is a round hole in the bottom of the cabinet where you can see the jumper. being that you said it has a daughter board I assume it is an older one. You will have to check the manual for the exact procedure.

I saw another reply that mentioned proprietary cables, In my case I have never had a problem with any cable and/or adaptor when using any of the PK-232's, however I had lots of trouble when switching to different software and usually had to do a 'hard' reset.

Hope this helps you.

Bud - KV7G - Yuma, AZ

On Tue, 24 Mar 1998 19:16:44 -0700 alan dawkins <alk0frp@earthlink.net> writes:

>Gang

>

>Bought a PK232 with mbx daughter-board. My Gateway P120 Laptop says it
>is not connected or not turned on. am using rs232 to Db9 straight
>cable,

>com1 port. Tried rs232 to lpt1 and changed port config and still
>errored

>the connect to PK232. Tried a diff cable still the same.

> Using packrat II and also tried packet gold. both same. Is the PK232

>gone south or is it my laptop.????

>

>Al K0FRP

>

>

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com>

Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 25 Mar 1998 07:23:25 -0800

From: "Michael A. Gipe" <mgipe@reliablemeters.com>

To: <N1RGN@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [6799] Re: Solid Copy?

Message-ID: <01bd5801\$f4779090\$309f5ecf@double_trouble.reliablemeters.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

"Hw cpy" is a CW abbreviation for "How ya doin'?", which is not an inquiry into one's health. "Solid copy" is not actually a reply to this question, but is an abbreviation for "I was paying attention to your last transmission." "RRR" means, "As soon as I remember what you said, I'll answer your question." BT is an official prosign meaning, "Umm."

CW is full of useful abbreviations.

Mike K1MG

>...What exactly are people looking for when they ask "Hw cpy?" I have heard
>others respond "Solid Copy" so that is how I always respond to the question.
>Are they asking if I have received everything they sent? I thought "RRR" informed them that I had received all of their message. I don't think they
>are asking for information on their signal because I provided that in the RST.
>I have looked in the Operating manual and the Handbook but I have not found
>anything on this topic. So what are they looking for?
>....
>N1RGN
>

Date: Wed, 25 Mar 1998 17:37:18 +0200
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: adams@chuck.dallas.sgi.com, QRP-L <QRP-L@Lehigh.EDU>
Subject: [6800] Re: Radio Controlled Clocks
Message-ID: <351924AD.529A@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Chuck Adams wrote:

> I'd think if we found a web site to give the companies like
> Zeit and Oregon Scientific enough feedback, we could attempt to
> influence them a little to get 24hr UTC displays. The chips internally
> already have the info.

Chuck et al.

Couldn't you just modify the clock to show time according to the 24h system? If one would be able to identify the type of clock chip used, surely the web would have the data sheet somewhere.

When I bought the White Rook (?) UTC clock that uses 60 Hz power line frequency with 60 Hz back-up to keep time, I looked around on the web and found just about enough information to be able to address the problem of changing it to run on 50 Hz (European line frequency) and 60 Hz (Xtal back-up). I did have the schematic of the clock, as it was a kit.

Looking for clock info, I also stumbled upon instructions about how to change a certain cheap clock-radio to show time in the 24h system. It seems not all clock-radios even have the display to do this, i.e. not all displays can show a leading 2.

Of course this WWV business all may make it a tad more complicated.

There are many European radio-controlled clocks available from e.g. Conrad in Germany that run on DCF near Frankfurt, Germany (on 77,5 kHz or thereabouts), but Helsinki is at the very end of it's reach, so I never bought one. Now that I think about it, I'm not sure if they're 12h or 24h clocks, actually. I wouldn't know for sure, if such a clock could be used in the USA after some sort of modification (RX frequency?). Maybe the time coding is all different, too. The brochures I have don't say much if anything about these matters.

73, oh2zaz

--

Arjen Raateland
Finnish Environment Institute
SAS Support
phone +358 9 4030 0457

Date: Wed, 25 Mar 1998 08:32:28 -0700
From: Andy Fox <foxes@theriver.com>
To: adams@chuck.dallas.sgi.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6801] Re: Radio Controlled Clocks
Message-ID: <3519238C.971477EB@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

Scientific Oregon's home page is at:

<http://www.oregonscientific.com/index.html>

There is a little mailbox icon near the bottom labeled "Contact Us Now!"
I asked them to consider making a clock that displays UTC date and time
using the ISO 8601 format (YYYY-MM-DD hh:mm:ss). See:

<http://www.ft.uni-erlangen.de/~mskuhn/iso-time.html>)

for details if you are interested. Another ham wrote a letter to QST a
while back (sorry, no details) suggesting this format for logging
programs for a number of reasons. The best one (I think) is that the
data flow from least specific to most specific.

I am aware that most QSL cards (including mine) do not follow this
format, but it is trivial to convert. My next batch of QSL cards will
use this format.

--

72/73 de Andy, KK7HV - QRP-L #1286 - Benson, AZ

Date: Wed, 25 Mar 1998 07:34:19 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [6802] Coax Connector Question
Message-ID: <Pine.SOL.3.96.980325072855.27066A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Not QRP so feel free to delete now.

I need to find some coax connectors. They are marked

CARO UG-59C /U

They look a bit like "N" connectors but are bigger. They
are not quite the same as what I remember the "high voltage"
N connectors being like.

Used on older Navy airplanes. In fact, the guy at the radio/avonics shop at the air port took one look and said something about old Navy plugs!

They are made up on RG-58 cable now. I desperately need 4 of these if anyone has any idea where I might find some!

Thanks for the BW,

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 25 Mar 1998 07:52:14 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: N1RGN <N1RGN@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6803] Re: Solid Copy?
Message-ID: <Pine.SOL.3.96.980325073613.27066B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi N1RGN,

I think we tend to get too worked up over just what this means or how to use that when we are talking about chatting with someone of CW.

Try to remember that it's a conversation with someone else.

If you are from the west and go back to New England, you can't understand much of what people are saying but you go get the gist of what they mean. Same thing applies when going to almost any new area of the country.

I tend to send "HW?" just before turning it over to the other station. I mean 'How did you copy?.....How did you understand?.... Was my sending good enough for you to copy?....' and etc.

How well you copy someone can change from moment to moment. Asking

"Hw Cpy" is just one way of checking to see if there is anything going on that might affect the QS0.

I usually don't send "Hw Cpy" because "Hw" is easier!

Is it really needed? No, not the way I use it.

Does it hurt anything? No.

Does it really help? Maybe!

Does it really matter? No.

It's just one of the little things that make us all different.

In "normal" chit-chat, you will learn to read between the lines. You don't even need 100% copy or even 80% copy to be able to enjoy chatting with someone.

Little things like sending "Hw Cpy?" are just one of the things that let us know who is talking (sending) without having to hear the callsign. This is something the people that are learning the art of sending with a Bug are finding out.

Keyers/keyboards/computers/store bought rigs (including kits) have all brought about this push to maching cw that we hear on the bands now. Hard to tell who is who any more because we all sound alike!

To me that's a real shame! It was nice when CW was more of an art form and you could tune across the band and reconize many of your friends!

OK, off my soap box! Sorry to ramble on....

Just don't worry too much about little things like "Hw Cpy?".

That does NOT apply when checking into a traffic net. That is a whole different world!

Thanks,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 25 Mar 1998 08:16:56 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: f5nzy@hol.fr
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6804] Re: Tasmania and others DX's with QRP and QRPP
Message-ID: <35192DF8.914820AF@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Stephane Collas wrote:

>

> My computer tells me that the QRB is 17210 Kms (10694 Miles) with 13 jumpsss :-)

I'm willing to bet that it wasn't 13 jumps! This kind of low-power DX is usually possible around sunset/sunrise when the ionosphere is tilted so that the signal is reflected from a point on the F2 layer to another spot on the F2 layer (etc.) and ultimately back to earth. Since the absorption is so much lower at the reflection points in the ionosphere than at those on the earth, this situation provides excellent conditions for QRP DX. Also, it explains why you can sometimes hear ZL without hearing anything in between.

Congratulations on the great QRP DX!

Vic K2VCO

Date: Wed, 25 Mar 1998 10:11:47 -0600
From: launerb@crl.com (William H. Launer)
To: ku7y@dri.edu
Cc: qrp-1@Lehigh.EDU
Subject: [6805] Re: Solid Copy?
Message-ID: <v01530500b13edc7d9d89@[192.0.2.1]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I think we tend to get too worked up over just what this
>means or how to use that when we are talking about chatting
>with someone of CW.

I agree with Ron. The normal qso is an informal "ragchew".

Let's keep the human in the loop and have fun!

72/73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-1 #279 qrp arc1 #3551
Grid Square EM48RT

Date: Wed, 25 Mar 1998 08:39:41 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [6806] Re: Solid Copy?
Message-ID: <01bd580c\$9bf7c4c0\$9aa9d9cf@accurate-1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang,

I was preparing to respond to this thread when Ron pretty much summed up my perspectives exactly.

In a one on one in person conversation, we have the privilege of body language, eye contact, and other non-spoken feedback that lets us know if someone is "with" us in our dialog. On CW, that immediate feedback is missing and asking "HW CPY" is simply a means to establish that repore. Nothing significant, just a courteous gesture that you are interested in the other persons copy. Maybe QSB caused him/her to miss a significant portion of the transmission?

I also only send "HW", asking how was your copy and as a notice to "Set the pencil down cuz here it comes".

Sending "RRR" seems redundant to me, although again, nothing too significant to warrant worry. :-} If I have copied sufficiently to understand everything that was said I will send a single R prior to the call sign exchange. If Signals were extremely strong and/or I am impressed with sending operators fist, I will comment with "Solid Copy OM", and/or "grt sig om" or "grt fist

om, solid Copy".

The only thing Ron and I disagree on is the sound of a persons fist. Other than a keyboard, I am always able to ferret out my friends on the bands just by the sound of their sending on a keyer. Spacing can be inadvertently personalized, and I find that it is more often than not.

On the other hand, I am grateful to hear the demise of the bug. Too many think (wrongly) they know how to use one and/or are enamored with their "Swing" (60 WPM dits, 20 WPM Dahs) for my taste. But then again, there are others who are truly virtuosos on a bug. They are a joy to listen to. The difference seems to be the intent. Virtuosos are more intent on sending code perfectly so as to communicate with their partner. "Swing" operators seem to be focusing on their "swing" without concern for how it is copied.

73, 72 es zut

Roger A. McCarty ARS KD6CC
<http://www.qsl.net/kd6cc>

Caution! The 2nd Law of Thermodynamics is at work on all things at all times.

Mankind and Human nature are not exempt from entropy. The only solution is to decide on a higher standard, and commit yourself to it.

.

-----Original Message-----

From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, March 25, 1998 7:55 AM
Subject: Re: Solid Copy?

>Hi N1RGN,

>

>I think we tend to get too worked up over just what this
>means or how to use that when we are talking about chatting
>with someone of CW.

>

>Try to remember that it's a conversation with someone else.

>

>If you are from the west and go back to New England, you can't
>understand much of what people are saying but you go get the
>gist of what they mean. Same thing applies when going to almost

>any new area of the country.
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>station. I mean 'How did you copy?.....How did you understand?....
>Was my sending good enough for you to copy?....' and etc.
>
>How well you copy someone can change from moment to moment. Asking
>"Hw Cpy" is just one way of checking to see if there is anything
>going on that might affect the QSO.
>
>I usually don't send "Hw Cpy" because "Hw" is easier!
>
>Is it really needed? No, not the way I use it.
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>Does it hurt anything? No.
>
>Does it really help? Maybe!
>
>Does it really matter? No.
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>It's just one of the little things that make us all different.
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>You don't even need 100% copy or even 80% copy to be able to
>enjoy chatting with someone.
>
>Little things like sending "Hw Cpy?" are just one of the things
>that let us know who is talking (sending) without having to hear
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>art of sending with a Bug are finding out.
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>Keyers/keyboards/computers/store bought rigs (including kits) have
>all brought about this push to maching cw that we hear on the
>bands now. Hard to tell who is who any more because we all sound
>alike!
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>To me that's a real shame! It was nice when CW was more of an
>art form and you could tune across the band and reconize many
>of your friends!
>
>OK, off my soap box! Sorry to ramble on....
>
>Just don't worry too much about little things like "Hw Cpy?".
>
>That does NOT apply when checking into a traffic net. That is
>a whole different world!
>
>Thanks,

>
>73, Ron, SOWP 5545M,
>
>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
>
>
>

Date: Wed, 25 Mar 1998 11:00:12 -0600
From: Charles Davis <cdavis@unlinfo.unl.edu>
To: qrp-l@Lehigh.EDU
Subject: [6807] Re: IC-706MKII
Message-ID: <1.5.4.32.19980325170012.006881b4@popmail.unl.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:44 PM 3/24/98 -0600, you wrote:

Worked W00HBR
>for about 45 minutes tonite on 40... 599 both ways. He
>was using 80 watts & a dipole up 50', and I was at 4
>watts with phased array.

>
>Thanks for the BW folks
>
>Tim W5FN
>
>

What a coincidence, saw Tom, W00HBR in the hallway at work yesterday afternoon and had a short chat with him. Tom said that he hadn't been on HF is some time. Glad to hear that he took the time for it last night. Will have to remember and mention that qrp rig to him next time I see him.

Worked WA2TPU in NY this morning 2-way ssb/qrp on 15 meters, he was 59 to my 55. First qrp ssb contact here on purpose. All other qrp ssb work has been purely accidental.

Chuck, ng0m
Charles Davis, ng0m
Lincoln, NE

cdavis@navix.net

Date: Wed, 25 Mar 1998 17:21:07
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "homebrew list" <homebrew@qth.net>, "GQRPL List" <gqrp-1@blacksheep.org>, "qrp" <qrp-1@Lehigh.EDU>, "Heath List" <heath@listserv.tempe.gov>
Subject: [6808] Heath HW-99 band addition modifications
Message-ID: <199803251722.LAA08680@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Does anyone have any knowledge of these type of mods?
A pointer to the info would be appreciated...

Thanks

Larry KA5T

Georgetown, Texas
lewise@inetport.com

Date: Wed, 25 Mar 1998 09:10:24 -0800
From: dave_epps@juno.com
To: qrp-1@Lehigh.EDU
Subject: [6809] 6 mtr xvrtr
Message-ID: <19980325.092352.6678.4.dave_epps@juno.com>

Thank You to all that responded to my request for info on the Ten-Tec 6 mtr xvrtr.
Way too many replies to answer individually. All good comments and looks to be
a worthwhile project. QRP on 6 mtrs really sounds interesting. Tks Agn.
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 25 Mar 1998 12:24:05 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: ARDUJENSKI <ARDUJENSKI@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6810] Re: CW OPERATING PRACTICES
Message-ID: <Pine.OSF.3.95.980325112219.11124A-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Mar 1998, ARDUJENSKI wrote:

> It might be a great service for this group or maybe one of the clubs or
> even individuals to draft up a GOOD OPERATING PROCEDURES.

QRP-L often gets confused with CW-L... here's the dope for those
interested:

CW is a mailing list (reflector) devoted to CW (International Morse code)
use in amateur radio activities. In particular, we encourage conversation
on:

- * Learning and teaching CW (tapes, programs, etc.)
- * Keys, bugs, and keyers
- * CW detection and receiving (filters, DSP, coherent CW, etc.)
- * Breakin (QSK) equipment and skills
- * Signal shaping and quality
- * Portable CW operating issues
- * any other non-inflammatory issues re CW

To be added to the CW mailing list, send email as follows:

To: majordomo@qth.net
Subject:
Body: subscribe cw

Date: Wed, 25 Mar 1998 11:27:40 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6811] Re: CW OPERATING PRACTICES
Message-ID: <35193E8C.D00A8DE1@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ARDUJENSKI wrote:

>
> The string on SOLID COPY I think points out the fact there is no good source
> for "preferred" or standard operating procedures. You get bits and pieces from
> the OPERATING HANDBOOK and from misc. sources.

Doesnt the ARRL send out a short pamphlet on operating procedures to all
new hams or did they discontinue that when Novice licenses began to
disappear?

73 de Dave, N0IT

Date: Wed, 25 Mar 1998 12:26:36 -0800
From: LYN WILLIAMS <designserv@ipass.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6812] Re: Solid Copy?
Message-ID: <3519687C.9F86799B@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My English 321 prof at NCSU made it clear to us that a
dictionary is an instantaneous fuzzy snapshot of a fast-moving
target. Languages that are still in use are in constant motion,
evolving further daily. Thus, things that meant one thing in
my youth are subject to mean entirely different things today,
such as "r", "how copy", "gay", etc. Even the language
features that deal with hopefully more permanent concepts
such as math have changed dramatically since I entered
school. I regret many of the changes, but the old prof was

certainly correct -- all we can do is grunt and adapt.

Lyn,
W4WDN

"I'm sure you think you understand what you thought I said,
but I'm not certain you understand that what I said is
not what I meant."

author unknown

Date: Wed, 25 Mar 1998 12:42:52 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [6813] QRP-l and CW-l addendum...
Message-ID: <Pine.OSF.3.95.980325122538.11124B-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Before anyone goes off the deep end...

QRP-L ops *probably* are the most active hams in the hobby. CW is no doubt the most popular mode for QRP ops. I think that QRP-L ops would certainly be able to make suggestions as to proper CW practice. We also never seem to be at a loss to suggest BUILDING TECHNIQUES, DX TIPS/ALERTS, ANTENNA SUGGESTIONS, etc, etc...

I'd just like all you good folk to know that there is another mail list specifically for CW ops... and I bet if I looked for a few seconds, there is a F.I.S.T.S. listserver out there somewhere.

I've always subscribed to the, "QRP op is humble." rule. I would personally be uncomfortable to suggest CW techniques as a de-facto standard, when there ARE others out there doing the same thing.

Brings to mind a DX expert suggesting the "best" QRP rig would be whatever YaKenCom-of-the-month, be tuned down to 5 watts.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

Date: Wed, 25 Mar 1998 13:49:49 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [6814] \$1 Whiterook Paddle "upgrade"
Message-ID: <Pine.LNX.3.93.980325133007.830C-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

First let me say what an incredible value the Whiterook Paddles are. I've used a set of them in my truck since I started CW mobile and wouldn't switch if I had the chance. However, with steel screws and an aluminum center post, sometimes it just wouldn't close the circuit to the keyer. I used to just blame this on the bumps in the road, hi. If I rubbed some graphite (pencil) on the center post it would be a little better for a while, then fade again.

While poking around the hardware store I stumbled across a little brass fitting that is used in the ends of polybutylene (the gray stuff) supply tubing to keep it from collapsing in a compression fitting. It was the perfect height to replace the aluminum post in the center of the paddles. Trouble is, it's got a ~1/4" hole in the center and the screw fell right through. I put a "star" washer top and bottom, and replaced all the screws with brass 4-40 hardware. Presto! All the dropped dits and dahs are now my fault :(I also made sure the "slots" in the screws were horizontal so that the round part of the screw head makes contact instead of the slot. I can now send at about 25 wpm with them, well my call anyway:)

YMMV, but 3 nuts and screws, the fitting, 2 star and 2 brass washers, cost me the surprising sum of 90 cents. I'm sure the owner of the store was glad he opened up that day:) If there is enough interest I'll pull it apart again and put some pix up on a page somewhere, much easier to look at than describe. 72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | <http://dns.vidtel.com/~ccart> --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

Date: Wed, 25 Mar 1998 13:56:27 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>

To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [6815] Re: CW OPERATING PRACTICES
Message-ID: <Pine.LNX.3.93.980325135143.830D-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Mar 1998, Dave Sjolin wrote:

> Doesnt the ARRL send out a short pamphlet on operating procedures to all
> new hams or did they discontinue that when Novice licenses began to

I don't know if it's *all* new hams, but I got a "New Hams Companion",
when I first got my ticket and joined the ARRL about two years ago.
It was maybe a dozen glossy pages in magazine format and focused mostly on
repeater operation as I remember. Have to see if I can find it. To their
credit I don't remember it being full of ads.

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

Date: Wed, 25 Mar 1998 13:19:27 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: hapence@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6816] Re: Solid Copy?
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

As far back as I can remember (40+ years), HW CPY? (or just HW?) have
been used. Makes sense to me and means "Is the propagation still holding
up, do we still have a QSO, or are you still there?"

73,

Bob Patten, N4BP ' ' ' ' (0 0) Plantation, FL

-----o00o-()-o00o-----

E-Mail: n4bp@bc.seflin.org
Web Page: http://wg104a.wh.uni-stuttgart.de/~n4bp
Brass Pounder BBS: (954) 472-7715

Date: Wed, 25 Mar 1998 18:29:00 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6817] Antenna -- Too short still worked.
Message-ID: <35194CEB.1C36@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow. In my total laziness, I left my tuner at home. Yes, this is regarding my post on Monday regarding a Saturday QNI to the WSN-40 net. I was /P, 12 Volt Makita Battery, OHR-100 at 1.5 Watts, and a self-standing vertical.

Did I mention No tuner? Well, quite a feat, connecting 50 feet of 50 Ohm, Hi-loss :), coax to a 18 Foot high vertical. 2 radials.

Well a 7.04 MHz vertical should be in the neighborhood of 33' or so.....

No, I didn't do the math to see what the impedance was at 50 feet from the mis-matched vertical, I'll leave that for L.B, and Cecil. I just turned down the power until the OHR wouldn't get stuck in transmit mode when I keyed, (Yes, the reflected power saturates the final on the OHR and you must turn the rig off/on to recover), but even down to the 1 Watt level I was able to participate in the WSN-40 Net at 1700Z on Saturdays.

Which reminds me, If I can work the QRP net on 7040 with 1/8 w vertical with 2 radials, next to a tree, powerlines everywhere, How come I always hear the same calls every night on the QRP freq?

Where is everyone from QRP-L every night. Is it just the 10 of us that actually use 7.04 MHz every night? What about the 7110 and 7140 freqs. I have yet to find more than 4 QRP ops up there and all were Foxii.

This qrp stuff is fun. If you haven't radiated in a while, turn off that TV or computer for a while tonight and work some of the QRP-l gang.

My rig is always tuned to the music available on 7.04, and I'll work anyone that calls CQ CQ QRP de \$your_callsign/QRP AR

THat's a promise! And you can do it with 1 watt to a metal

clothesline if you must. Like the almond commercial -- Just one
a week is all we ask. Work a fellow qrp'er, please.

Happy Radiating to all es gn --Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Wed, 25 Mar 1998 10:54:46 -0800 (PST)
From: "S. Lee" <slee@u.washington.edu>
To: Monte Stark <ku7y@dri.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6818] Re: Coax Connector Question
Message-ID: <Pine.A41.3.95b.980325104042.75012A-100000@homer29.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There's a surplus outfit located in Tacoma, WA, called
Electronic Dimensions. The owner is an ex Navy pilot so
would probably know what to look for. There's a web page
at: <http://www.el-dim.com> plus there's an email address:
eldim@worldnet.att.net Some prices are reasonable :|

Don't think he charges to look for a part in his warehouse
but by the looks of his webpage he will charge to search
other sites online. I verified the web address. Good luck!

de AB7HI, Stephen Lee, Federal Way, WA
slee@u.washington.edu

On Wed, 25 Mar 1998, Monte Stark wrote:

> Hi All,
> I need to find some coax connectors. They are marked
> CARO UG-59C /U
> Used on older Navy airplanes. <snipped>

> 73, Ron, SOWP 5545M,
>KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 25 Mar 1998 11:56:00 -0700
From: Tim Pettibone <tpettibo@NMSU.Edu>
To: qrp-1@Lehigh.EDU
Subject: [6819] Century Club QRP and QRO
Message-ID: <3.0.2.32.19980325115600.0069f8d4@cnmailsvr.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang:

I check into the 3905 Century Club NET (40m and 75m) several times a week - qrp ssb, mostly as a background task in the shack. Russ, W7LXR, from Portland Oregon is a regular and, when NCS, is quite tolerant of QRPers. Last night, when I went up for grabs, he came back a little weaker than usual - just s9 rather than his normal 20db over and we had an exchange. He usually runs full bore KW with a bit of aluminum hung up on a yagi boom. He had decided to turn it down to just less than 1 watt (950mw?). There have been several qrp check ins. I know a lot of people look down on net operations but you might want to give it a try. The 40m version meets on or about 7.2335 starting at 0000z and runs to 0400z. Then sometimes there is a late net at around 0400z but it may move up a bit to escape the foreign broadcast stuff. The 75m version meets on 3.904 (used to be 3.905 before the last range, I mean frequency, wars). They come on later and go to 0600z (I think) with a late net sometimes coming on after. It's been several years, but I would never have finished off 5BWAS if it hadn't been for the Century Club, and the YL SB nets.

You can get more info including the CW nets at:

<http://www.kis.net/kd3o/links.htm>

By the way, N7MFB, Bill in Washington State, is a qrper and NCS on one of the nets - can't remember which one. (Shh, I think he does NCS with QRO).

Tim K50I

Date: Wed, 25 Mar 1998 12:06:00 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6820] Mobile cw
Message-ID: <35195598.407D@swcp.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi QRPer's!

I agree with Chris about the great value of the Winterook paddles. I have put a TICK 1 in mine, and it's all ready to go mobile. Question is, any ideas on how to strap it to ones leg for mobile operation?

I have thought about attaching some velcrow(sp) to it somehow, but thats the only idea....May the ideas flow. 72, Tom WB5QYT " Have spud will travel!"

Date: Wed, 25 Mar 1998 12:25:22 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [6821] Re: Antenna -- Too short still worked.
Message-ID: <199803251925.MAA01378@usr08.primenet.com>

Howdy,

Ed (WE6W) wrote:

>

> Where is everyone from QRP-L every night. Is it just the 10 of us
> that actually use 7.04 MHz every night? What about the 7110 and
> 7140 freqs. I have yet to find more that 4 QRP ops up there and
> all were Foxii.

Figured I'd worn out all my local 40m electrons
so I've been spending my limited air time warming
up the 30m band. :-) Usually work 1-2 QRPers when
I get on there, maybe a few JA/VK/ZL's.

So much spectrum, so little time.... :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's 106 miles to Chicago, we've got a full tank of gas, half
a pack of cigarettes, it's dark, and we're wearing sunglasses."
"Hit it!" -The Blues Brothers

Date: Wed, 25 Mar 1998 14:35:43 -0500
From: Bob Hirsch <bobh@p3.net>
To: qrp-1@Lehigh.EDU
Subject: [6822] Yes, Zeit does.
Message-ID: <3.0.3.32.19980325143543.00758c3c@pop.p3.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To all:

According to one of their websites, Zeit does have a model that shows UTC in 24 hour format, setable through a menu, called the ZeitPC. It also has an RS-232 interface for your computer.

Looks like the price is \$129.95 and looks identical to the 12 hour model.

<http://www.arctime.com/zeit1.htm>

72/73 de Bob, W3CW
New Hope Pennsylvania

Date: Wed, 25 Mar 98 09:43:14 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-1@Lehigh.EDU
Subject: [6823] Net Checkins
Message-ID: <9803251943.AA00643@krypton.nmr.Hawaii.Edu>

We have a local Hawaii net in the afternoon, called poetically,
The Hawaii Afternoon Net 8^)

I have found it extremely useful. I usually check in with about 25 watts of SSB, a very comfortable level to power with backup batteries. But I have also checked in with five watts portable to check out various portable antennas/sites. The net has checkins from Kauai, The Big Island and Oahu regularly with Maui being represented on occasion, even Molokai.

The fundamental purpose of this net is emergency preparedness and they are quite understanding about QRP, temporary antennas, passing out signal reports, people working on gear wanting reports

on whether or not something is fixed, and all types of fiddling about to be better prepared for emergency operation. In fact, anyone portable or mobile or otherwise operating on battery power gets to check in first.

The regulars are quite familiar with propagation around the islands and checkins to the net are a great way to test all sorts of gear and antenna mods. We have a number of people who check in at intervals with QRP power levels.

Most of the "traffic" is just routine weather reports, chitchat and checking in with friends, but it is a very good way to get feedback on the performance of your latest ham project.

It meets daily at 0200 zulu; 1600 HST; LSB; 7.088 Mhz, which unfortunately is not a frequency available to Mainland US operators for SSB.

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry
HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

Date: Wed, 25 Mar 1998 11:47:27 -0800
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [6824] Re: QRP-l and CW-l addendum...
Message-ID: <35195F4F.FD85EB09@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul R. Valko wrote:

>

<snip>

> I'd just like all you good folk to know that there is another mail list
> specifically for CW ops... and I bet if I looked for a few seconds, there
> is a F.I.S.T.S. listserver out there somewhere.

Not to my knowledge. However, FISTS does have a web page at:

<http://n9nvv/qrp.com/~fists/>

> Brings to mind a DX expert suggesting the "best" QRP rig would be whatever
> YaKenCom-of-the-month, be tuned down to 5 watts.

Exactly the advice I got from an OT friend at the local club. The primary virtue being a very good receiver, possibly IF-stage DSP, full-band tuning range, and the like.

Most of these rigs can be turned down to at least 5 watts, some almost to zero.

Even though I have several rigs that were designed for QRP operation, I may try this with my Omni VI+ when I get it.

72 de Jim - AD6CW
QRP-L #248
FISTS #2122

Date: Wed, 25 Mar 1998 20:21:56 +0000
From: "Brian K. Short" <shortckt@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [6825] Re: QRP-l and CW-l addendum...
Message-ID: <199803252017.NAA19814@smtp02.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

cw@qth.net

Above is a list devoted to CW and not affiliated with any clubs or other organizations. Details may be had at: <http://www.qth.net>

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>> specifically for CW ops... and I bet if I looked for a few seconds, there
>> is a F.I.S.T.S. listserver out there somewhere.

--
Brian (K7ON) Short shortckt@primenet.com
 <http://www.primenet.com/~shortckt>
 1994 E Laguna Dr Tempe, Az 85282
 Vox:(602)839-3484 Fax:(602)839-4829

--
Berra's First Law
You can observe a lot just by watching.

--

Date: Wed, 25 Mar 1998 15:02 -0700 (PDT)
From: eakwik@mail.hac.com
To: qrp-1@Lehigh.EDU, we6w@qsl.net
Subject: [6826] Re: Antenna -- Too short still worked.
Message-ID: <0EQE00I105JF24@mail.hac.com>
MIME-version: 1.0
Content-type: MULTIPART/MIXED; BOUNDARY="Boundary_(ID_Y18p+st8UqYg096AP4zjUA)"

--Boundary_(ID_Y18p+st8UqYg096AP4zjUA)
Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1

I am with you Ed. I hang out on 7.04 and 7.035 three or four nights a week. I hear very little qrp on these frequencies outside of fox nights. I just assume everybody is on 30 meters. Right? I call every chance I get but they are usually occupied by gro.

Ed Kwik KC8JIE Waterford, MI QRP# 1444

----- Reply Separator -----
Subject: Antenna -- Too short still worked.
Author: we6w@qsl.net at mime
Date: 3/25/98 11:29 AM

Wow. In my total laziness, I left my tuner at home. Yes, this is regarding my post on Monday regarding a Saturday QNI to the WSN-40 net. I was /P, 12 Volt Makita Battery, OHR-100 at 1.5 Watts, and a self-standing vertical.

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This qrp stuff is fun. If you haven't radiated in a while, turn off that TV or computer for a while tonight and work some of the QRP-1 gang.

My rig is always tuned to the music available on 7.04, and I'll work anyone that calls CQ CQ QRP de \$your_callsign/QRP AR

THat's a promise! And you can do it with 1 watt to a metal clothesline if you must. Like the almond commercial -- Just one a week is all we ask. Work a fellow qrp'er, please.

Happy Radiating to all es gn --Ed

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

--Boundary_(ID_Y18p+st8UqYgO96AP4zjUA)
Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1

RFC-822-headers:

Received: from CONVERSION-DAEMON by mail.hac.com (PMDF V5.1-10 #26245)
id <0EQE000010ICOY@mail.hac.com> for "edward a jr kwik"@mime.mail.hac.com;
Wed, 25 Mar 1998 10:25:25 -0800 (PST)
Received: from PROCESS-DAEMON by mail.hac.com (PMDF V5.1-10 #26245)
id <0EQE000010IBOP@mail.hac.com> for "edward a jr kwik"@mime.mail.hac.com;
Wed, 25 Mar 1998 10:25:24 -0800 (PST)
Received: from fw-es05.hac.com by mail.hac.com (PMDF V5.1-10 #26245)
with ESMTP id <0EQE00L810IBAV@mail.hac.com> for
"edward a jr kwik"@mime.mail.hac.com; Wed, 25 Mar 1998 10:25:23 -0800 (PST)
Received: from fidoii.CC.lehigh.EDU ([128.180.1.4])
by fw-es05.hac.com (8.8.4/8.8.4) with ESMTP id KAA06460 for
<eakwik@mail.hac.com>; Wed, 25 Mar 1998 10:27:28 -0800 (PST)
Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
<12407-44192>; Wed, 25 Mar 1998 13:29:43 -0500

Received: from nss4.cc.Lehigh.EDU ([128.180.1.13]) by fidoii.cc.Lehigh.EDU with
ESMTP id <12393-58532>; Wed, 25 Mar 1998 13:29:28 -0500
Received: from palrel1.hp.com (palrel1.hp.com [156.153.255.242])
by nss4.cc.Lehigh.EDU (8.8.8/8.8.5) with ESMTP id NAA32690 for
<qrp-l@Lehigh.EDU>; Wed, 25 Mar 1998 13:29:12 -0500
Received: from srmail.sr.hp.com (srmail.sr.hp.com [15.4.45.14])
by palrel1.hp.com (8.8.6/8.8.5tis) with ESMTP id KAA03514 for
<qrp-l@Lehigh.EDU>; Wed, 25 Mar 1998 10:29:06 -0800 (PST)
Received: from cougar.sr.hp.com by srmail.sr.hp.com with ESMTP
(1.37.109.16/15.5+ECS 3.3) id AA254720544; Wed, 25 Mar 1998 10:29:04 -0800
Received: from ooringe (ooringe.sr.hp.com) by cougar.sr.hp.com with SMTP
(1.37.109.16/15.5+ECS 3.3) id AA254660540; Wed, 25 Mar 1998 10:29:00 -0800
Date: Wed, 25 Mar 1998 18:29:00 +0000
From: Ed Loranger <we6w@qsl.net>
Subject: Antenna -- Too short still worked.
Sender: owner-qrp-l@Lehigh.EDU
X-Sender: loranger@qsl.net
X-To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Reply-to: we6w@qsl.net
Message-id: <35194CEB.1C36@qsl.net>
MIME-version: 1.0
X-Mailer: Mozilla 3.0Gold (X11; U; HP-UX A.09.05 9000/725)
Precedence: bulk
X-Listprocessor-version: 8.1 beta -- ListProcessor(tm) by CREN

--Boundary_(ID_Y18p+st8UqYg096AP4zjUA)--

Date: Wed, 25 Mar 1998 13:27:55 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [6827] Re: Solid Copy? (CW Meanings)
Message-ID: <199803252027.NAA01184@usr04.primenet.com>

Howdy,

Mike (K1MG) wrote:

>

> "Hw cpy" is a CW abbreviation for "How ya doin'?", which is not an inquiry
> into one's health. "Solid copy" is not actually a reply to this question,
> but is an abbreviation for "I was paying attention to your last
> transmission." "RRR" means, "As soon as I remember what you said, I'll
> answer your question." BT is an official prosign meaning, "Umm."

: -) You forgot to cover some of the longer abbreviations

though....

- 1) "UR SIG IS FADING NOW" -- Often sent by the kilowatt op who "mistakenly" gave you a 599 before finding out you were QRP.
- 2) "MUST QRT FOR DINNER" -- "We've exchanged calls, reports, rig and antenna info, what else could we possibly have to say to each other?" Be particularly suspicious if you determine it's past 10pm at their QTH.
- 3) "BAD QRM/QRN" -- If accompanied by a good signal report, this means either A) "You're sending too fast but I'm embarrassed to ask you to QRS", or B) "Your fist is terrible but I'm too embarrassed to tell you."
- 4) "OK, COPY MOST" -- "Couldn't copy a lick of what you sent, so I'll change the topic and pretend to copy your response."
- 5) "TU FER VY FB DX QSO" -- "Please please PUHLEEEEEZE QSL! I'll do anything if you QSL! I have two kidneys, am willing to part with one! Both if you're in Bhutan! PUHLEEEEEZE!"
- 6) "<callsign> 5NN" -- Heard in big pileups. The "5NN" actually means "BK", and should not be confused with a signal report (which you won't get). Responding with *anything* longer than "DE <callsign> 5NN" brings a curse of plagues upon your house and all future generations.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"FREEZE! EVERYBODY GET DOWN!"

"Well which is it, young feller? You want I should freeze or get down on the ground? Mean to say, if'n I freeze I can't rightly drop, and if'n I drop I'm gonna be in motion. Ya see..."

"SHUT UP!"

"Okay then."

-- Raising Arizona

Date: Wed, 25 Mar 1998 13:34:49 -0700

From: wa5whn@juno.com

To: qrp-1@Lehigh.EDU
Subject: [6828] Posted for another Radio Op {WU9L}, For Sale, 2 QRP xcvrs.
Message-ID: <19980325.133453.2710.0.wa5whn@juno.com>

qrp-1ers,

I was chatting with WU9L, Millard on 15 meters SSB today, around lunch time {MST}. Millard, WU9L, resides in Sturgeon Bay, Wisc., and has 2 QRP radios that he would like to sell. 1 is a HW-8, in good shape, according to Millard, and the other is a Ten Tec Argosy II. He did not mention the prices. He is not on the internet, and does not own a computer. Don't send me inquiries about the radios, if You are interested, drop Millard, WU9L, via the US Postal Service {Callbook address} a note. I have no financial interest in this deal, just passing along a message, for a fellow Radio Amateur. Caveat Emptor.

BTW, ON's & PA's were S-5 here this morning, while I was mobile on 15 meters cw ~ 21.010 MHz.

@ T minus 30 days & counting until the NorCal QRPTTF "Run for the Borders". Have You downloaded the rules from the NorCal QRP Club's web page yet ?

One comment directed @ K5F0, about the NE QRP Club's visit to the ARRL. The photos; "W1VT's work bench", nah, I don't believe it, it's too neat. I can find stuff on that bench, even in the photo. ; -)

72,...Jay WA5WHN DM65qd Albuquerque, NM USA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 25 Mar 1998 16:00:26 -0500
From: Ed <edn4pk@VoyagerOnline.net>
To: csnyder@nextdim.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6829] Re: Finally got my Call Sign
Message-ID: <3519706A.264461E4@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Well congrats...and it will fly well on CW.....

Ed N4PK

(ex..ka3aws-kb3hb)

Date: 25 Mar 1998 15:56:23 -0500
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: qrp-l;;
Subject: [6830] elmer101: DC supply
Message-ID: <1998Mar25.155623-0500@[130.113.234.7]>

Elmer101 gang,

Well, some are itching to begin, Chuck has the schematic available to web-surfers at <http://reality.sgi.com/adams/> in both JPEG and (beutiful) postscript format. We can't quite melt solder yet, but we CAN examine circuit operation. So let's begin to take a close look at

Dave Benson's Small-Wonder-Labs SW-40+ transceiver.

If you have a "dumb" question, please ask, because there'll be others who want to but hesitate.

Glen VE3DNL leinwebe@mcmaster.ca

SW-40+ DC Power Supplies:

A 12V DC power input is expected. How much current? What determines how low it can go, how high it can go, and how much it can vary? Some circuits in this rig can't withstand such a high voltage - how's that done? Some circuits (like the VFO) want to see a very constant supply.

Let's start at the power input connector. The negative end goes directly to the board ground. This will be our voltage reference, and we'll always assume that ground is at ZERO volts. This can sometimes be a dangerous assumption, but it sure simplifies voltage measurements. The black lead of your voltmeter goes to ground, and the red lead goes somewhere else. The voltmeter measures the voltage difference between ground and "somewhere else".

What determines the upper limit on the input supply? C112 is an electrolytic which shouldn't see more than 16v. Otherwise its thin oxide dielectric breaks down and you've got an internal short circuit. Some other transmitter circuits have voltage limits too, like D12 and Q6. The lower limit is set by U2: it wants to see a supply greater than 10.5v.

The positive input goes to D13(1N4001), a silicon diode. What's this for? Its either for dummies who've hooked the power up backwards, or for our British freinds who do EVERYTHING backwards on purpose ;-)
So its only function is to protect you from yourself. If you DO hook up power backwards, this diode saves the rest of the rig from potential disaster...it refuses to let current go the wrong way. So instead of seeing -12V, the radio sees nothing, zero volts.

When you hook up DC power the RIGHT way, the radio sees +12v. Actually it sees a little less. D13 drops a little (0.7v), so if you apply 12v, the radio actually sees 11.3v. A small penalty to pay for a lot of protection.

You can consider C112(220uf) as part of the DC supply. It acts as a local reservoir. At times (when transmitting) current demand goes up a great deal. While power must ultimately flow from your external power source, C112 keeps the supply steady in the meantime. It smooths out the surges, and your external supply will see a more constant load. C102(0.01uf) is in parallel with C112. Its purpose is similar, but it smooths out really FAST (high-frequency) surges that C112 can't handle.

Q3(2N3906) is a keying switch. It lets major parts of the transmitter see the power supply when the key is down, but disconnects the supply from U5(SE612), Q4(2N4401), and Q5(2N4401) while receiving. During receive, Q3 allows no current to pass, so its output is zero volts.

U2(78L08) is a voltage regulator chip - don't be fooled - it sorta looks like a transistor (black, with 3 pins out the bottom): it is very different from a transistor. It is a complex integrated circuit with about 14 transistors, 16 resistors, and more inside.

It takes a DC input voltage over a range of 10.5 to 23 volts and spits out a rock-solid +8v DC voltage, never varying. It supplies operating voltage to the VFO, and both SE612 chips in the receiver. It also supplies a reference voltage for the audio amplifier. The receiver SE612 chips may find 8v a bit too much, so D2 drops their supply by about 0.7v - down to 7.4v DC.

Another component that requires a stable voltage supply is the varicap diode, D1. You wouldn't want a varying supply voltage to affect your receive or transmit frequency.

Notice how many "bypass capacitors" are added to the supply lines at various points: C101(0.1uf), C102(0.01uf), C105(0.01uf), C106(47uf), C109(0.01uf), C111(0.01uf), C113(0.1uf), Each of these has been added to ensure that no variations on the supply propagate from one circuit block to the next. Each present a very low impedance to any alternating voltage that might appear. The smaller values are effective only for very fast alternating voltages - radio frequencies. C106 has a lot of

capacitance - it is effective at audio frequencies.

Date: Wed, 25 Mar 1998 12:10:17 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6831] GM-15
Message-ID: <35195699.ADD@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello QRPer's

Remember reading about tuning pots in this post but have forgot what was said.

My GM-15 calls for a 100k tuning pot. What Im wondering is, should I get a special turn type pot, or just any old pot?

Im about to go "pot" shopping and want to get the right one.

Thanks in advance for this groups help. 72, Tom WB5QYT " Have spud will travel!"

Date: Wed, 25 Mar 1998 14:01:36 -0700
From: "Steve Galchutt" <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [6832] Re: Mobile cw
Message-ID: <007401bd5831\$8648c640\$844a460f@SG2939M.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree with Chris about the great value of the Winterook paddles. I have put a TICK 1 in mine, and it's all ready to go mobile. Question is, any ideas on how to strap it to ones leg for mobile operation?

I have thought about attaching some velcrow(sp) to it somehow, but thats the only idea....May the ideas flow. 72, Tom WB5QYT " Have spud will travel!"

I've tried the velcro, Tom...it was too flimsy for me...it didn't hold the paddle firm enough so I could send with out sounding like I was using my

left foot!. Maybe I should of use a larger piece of velcro? hmmm....
72...Steve

n0tu - solar powered QRP & wire antennas @ 7,200' ASL
Monument,Colorado - Grid Sq DM79nb
email: n0tu@webaccess.net

Date: Wed, 25 Mar 1998 16:20:38 -0500 (EST)
From: Kevin Bunin <p014455b@pb.seflin.org>
To: Bob Patten <n4bp@bc.seflin.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6833] Re: Solid Copy?
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I agree with you, Bob. after 37 years.

Kevin K4PG

-
Kevin Bunin
p014455b@pb.seflin.org

On Wed, 25 Mar 1998, Bob Patten wrote:

> As far back as I can remember (40+ years), HW CPY? (or just HW?) have
> been used. Makes sense to me and means "Is the propagation still holding
> up, do we still have a QSO, or are you still there?"

>
> 73,
> , ' ' ' ,
> Bob Patten, N4BP (0 0) Plantation, FL
> -----o00o-()-o00-----
>
> E-Mail: n4bp@bc.seflin.org
> Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
> Brass Pounder BBS: (954) 472-7715
>
>

Date: Wed, 25 Mar 98 13:22:51 PST
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: whalen@swcp.com
Cc: qrp-1@Lehigh.EDU (qrp)
Subject: [6834] Re: GM-15
Message-ID: <9803252122.AA11808@wizard.ucs.sfu.ca>

Hi Tom,

Go for a 10 turn pot with the counter. It is initially more expensive,
but in the long term worth it.

cheers, Paul VE7CQK /email: paul1@wizard.ucs.sfu.ca

>
> Hello QRPer's
>
> Remember reading about tuning pots in this post but have forgot what was
> said.
> My GM-15 calls for a 100k tuning pot. What Im wondering is, should I get
> a special turn type pot, or just any old pot?
> Im about to go "pot" shopping and want to get the right one.

>
> Thanks in advance for this groups help. 72, Tom WB5QYT " Have spud will
> travel!"
>
>

Date: Wed, 25 Mar 98 16:47:55 PST
From: gregoire@endor.com
To: Low power amateur radio discussion <qrp-1@Lehigh.EDU>
Subject: [6835] FW: Re: Solid Copy?
Message-ID: <Chameleon.980325164809.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=us-ascii

-----Original Message-----
Hello Gang,

I can relate to that. Solid copy can become
So Lid copy , if sent with lousy timing.

I have taken to sending practice lately. I get a semi interesting magazine article and send it, Not over the air of course.

Interestingly enough I seem to stumble over the same letter combinations over and over. The more I practice, the better I get. I have increased the sending speed so it doesn't seem so laborious now.

My sending has now earned an unsolicited "Your doing much better now Ernie", from my Fists code buddy.

Ha cha cha!

Try it you'll be surprised, and if your not faint of heart, record your sending.

Very humbling indeed!

73

de AA1IK,	Time the accursed enemy of man,
Ernie Gregoire	cursed youth for going to slow and by the old for going to fast.

R.R. 1, Box 221,	
South Rd.	Fists # 2644, ARCI # 9500
Canaan, NH. 03741	QRP-L # 95, Fly fisher & tier, Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

03/25/98 16:39:08

-----End of Original Message-----

de AA1IK,	Time the accursed enemy of man,
Ernie Gregoire	cursed youth for going to slow and by the old for going to fast.

R.R. 1, Box 221,	
South Rd.	Fists # 2644, ARCI # 9500
Canaan, NH. 03741	QRP-L # 95, Fly fisher & tier,

Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@WA1WOK.FN43FE.NH.USA.NA

03/25/98 16:47:55

Date: Wed, 25 Mar 1998 14:04:53 -0800 (PST)
From: "Allan G. Taylor" <ataylor@heracles.llnl.gov>
To: qrp-l@Lehigh.EDU
Subject: [6836] HP1AC/QRP
Message-ID: <199803252204.0AA23920@heracles.llnl.gov>

Cam, HP1AC/QRP, was on just a bit ago (2045UTC) on 14058. He is running QRP for a while as his main rig is in the shop. S4/5 into the Bay area/CA. Go get 'em.

Grant/K7GT

Date: Wed, 25 Mar 1998 16:08:38 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: n4bp@bc.seflin.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6837] Re: Solid Copy?
Message-ID: <35198066.1F3B2BDD@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In the mind of this old timer (52 years), HW CPY? has always been nothing more than a prosign meaning "Get ready - here she comes!" Same for HW? Nothing mysterious . . .

--
72/73, George
Amateur Radio W5YR
QRP-L #1373
QRP ARCI #9583
AutoPOWER Systems
Fairview, TX

Bob Patten wrote:

>
> As far back as I can remember (40+ years), HW CPY? (or just HW?) have
> been used. Makes sense to me and means "Is the propagation still holding
> up, do we still have a QS0, or are you still there?"

>
> 73,
>
> , ' ' ' ,
> Bob Patten, N4BP (0 0) Plantation, FL
> -----o00o-()-o00-----
>
> E-Mail: n4bp@bc.seflin.org
> Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
> Brass Pounder BBS: (954) 472-7715

Date: Wed, 25 Mar 1998 17:12:38 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6838] Re: Antenna -- Too short still worked.
Message-ID: <Pine.GS0.3.96.980325170603.25140B-1000000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>
> Did I mention No tuner? Well, quite a feat, connecting 50 feet of
> 50 Ohm, Hi-loss :), coax to a 18 Foot high vertical. 2 radials.
>
> Well a 7.04 MHz vertical should be in the neighborhood of 33' or
> so.....
>
> No, I didn't do the math to see what the impedance was at 50 feet
> from the mis-matched vertical, I'll leave that for L.B, and Cecil.
> I just turned down the power until the OHR wouldn't get stuck in
> transmit mode when I keyed, (Yes, the reflected power saturates the
> final on the OHR and you must turn the rig off/on to recover), but
> even down to the 1 Watt level I was able to participate in the
> WSN-40 Net at 1700Z on Saturdays.
Ed,

Since you requested the calculation of Impedance and SWR for that
vertical, I ran the numbers through several calculators, all of which
saturated and got stuck on one read out: "Oh my goodness!" Two have been

sent to digital shrinks for recover from memory trauma.

Actually, your technique is a good lesson for those who someday might be caught in an emergency situation. Although efficiency might suffer and losses might be high, enough power remains to get the message through to folks really trying to copy your signal--as they would be in a real emergency. Perfect antennas perfectly placed are nice, but in a pinch, use whatever you can get, using your well-developed intuitions to guide you, and then make it work.

Gives new meaning to an old expression: Nice work!

-73-

LB, W4RNL

```
L. B. Cebik, W4RNL      /\  /\      *  /  /  /      (Off)(423) 974-7215
1434 High Mesa Drive   /  \/  \/      ----/\---      (Hm) (423) 938-6335
Knoxville, Tennessee  /\  \  \  \  /  /  || /      (FAX)(423) 974-3509
37938-4443      USA    /  \  \  \  \      ||      cebik@utk.edu
QRPARCI 2572      G-QRP 7203      CQC 125      NEQRP 347      NORCAL 1111      MIQRP 1432
NWQRP 401      ARRL Life: Technical & Educational Advisor      10-10 41159
QCWA 13211      scQRP 28      AK/QRP 343      CW Ops QRP Club (VK) 476      FISTS 2600
http://funnelweb.utcc.utk.edu/~cebik/radio.html
```

Date: Wed, 25 Mar 1998 22:32:57 +0000
From: Ed Loranger <we6w@qsl.net>
To: cebik@utkux.utcc.utk.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6839] Re: Antenna -- Too short still worked.
Message-ID: <35198619.43B6@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thankyou for stepping up to the plate on that one L.B.!

I hope the software survives the shrink. Most software arrives that way -- Shrink Wrapped :)

Yes. "Oh My Goodness" is the correct answer. Probably could have scheduled a fishing trip after all those worms jumped up out of the ground... Hi! Haa, haa....hmmmm. I wonder if

I can use the vertical as a pole with a single wire top-hat and bobber insulated ground wire?

Visa/MC accepted:

The new 'Hook-n-Loop Skywire' Delta antenna, perfect for the ham who fishes. Just connect radio -- Hook two with one cast.**

I guess I should have waited until Friday to post this.

Thanks L.B. Keep up the excellent work.

-Ed

** Fishing and Ham license required. Batteries not included. Not shown actual size. color may vary, Artists depiction not indicative of fish species actually caught. Void where prohibited. Do not use while asleep. Toy helmet not a recognized Safety protective device.

Fries Extra.

Help Nils!

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Wed, 25 Mar 1998 17:35:00 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: towertalk@contesting.com, antennas@qth.net, QRP-L List <qrp-l@Lehigh.EDU>, gqrp-l@blacksheep.org
Subject: [6840] expansion of ATU/Delta item
Message-ID: <Pine.GS0.3.96.980325173138.27327A-100000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have expanded the item at the web site on ATUs, Delta, and Losses to include some further information to clarify the differences between delta (network Q) and component (largely inductor) Q. Hope it is of use to someone.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\ /\ *	/ / /	(Off) (423) 974-7215
1434 High Mesa Drive	/ \ / \	----/\---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\ \ \ \	/ / /	(FAX) (423) 974-3509
37938-4443 USA	/ \ \ \ \		cebik@utk.edu

URL: <http://funnelweb.utcc.utk.edu/~cebik/radio.html>

Date: Wed, 25 Mar 1998 18:24:08 -0500
 From: Tracy@bytemark.com (Tracy)
 To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
 Subject: [6841] Picnic Table Vertical
 Message-ID: <01BD581B.FA0F2620.tracy@bytemark.com>

Today I decided to take advantage of the beautiful Florida afternoon and put up a 30 ft push-up pole I have been planning on making into a 40m vertical. I have a tripod mount that I was going to attach to a rather heavy mount and raise as I would need for use.

During construction I was absolutely depressed when I saw that the hole in the tripod mount was not large enough for the push-up pole! Then I saw the picnic table ...

It is a standard 6ft picnic table with a bench on each side, built in. It had a perfect hole in the middle for an umbrella ... I made it just a bit bigger with a large file and VIOLA!! I have not only an excellent mount but an operating position as well!!

My 30ft pole sits about 4 ft in the ground, giving me about 25 ft of real vertical elevation. I'll be putting down an extensive radial system and ground rod, so that won't be a problem. I've built many verticals that were "insulated" from ground, this will be my first "grounded" ground mounted vertical.

My question is this - What is "shunt feeding" and can anyone steer me to a schematic to see how it's done? If the vertical was "insulated" from ground I would feed it with a one to one UNUN.

How would YOU guys go about feeding this antenna?

I had one almost identical to it a few years back that I "insulated" from ground by mounting it a foot above ground on a 4x4 buried 6 ft. With three 40ft top-loaded radials it ran great on 160-10 when loaded with a matchbox or transformers.

I also have a 50 ft push-up pole that will fit in the same hole. With the top guys, it is very stable. Any thoughts on that one as well???

I plan on using this as my QRP operating station for the summer, so I want it to work pretty well. I've got my batteries all charging, the solder melting ... grin

Tracy, N4LGH
#1453

Date: Wed, 25 Mar 1998 18:18:03 -0800
From: Bill Crowley <bcrow@carte.net>
To: qrp-l@Lehigh.EDU
Subject: [6842] Mobile noise
Message-ID: <3519BADB.59EF@carte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is not strictly QRP, but you guys and gals on this reflector know EVERYTHING! :-)

Bought an Alinco DX-70T yesterday and got it installed in my 96 GMC pickup (350 V8, automatic, ABS). The noise (I assume computer generated) is so fierce I can't hear a thing, at least on 40 meters, the only band I have tried so far. The noise blanker doesn't even make a dent in it. Any ideas???

72/73 de Bill, K1NIT qrp-l 1242

Date: Wed, 25 Mar 1998 15:22:08 -0800
From: John Dundas <jadlaw@soca.com>
To: qrp-l@Lehigh.EDU
Subject: [6843] SASA hindsight
Message-ID: <3.0.5.32.19980325152208.007c3d20@soca.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In response to N6WG's request for info on the Spectrum Analyzer Scope
Adaptor--

Bob--

I built mine soon after receiving the kit, and found no particular problems with assembly or operation. I put it in the suggested Radio Shack cabinet, which has more than ample room. My neighbor Pete, W6ZH, built his in a much smaller enclosure, and I must say that his looks neater than mine!

The circuit board is not of the same quality as Wilderness Radio or TenTec or some other kits, but is quite satisfactory. A little care in soldering is required to avoid lifting traces, etc.

For the AC power connection I used a computer-style panel mounted socket, containing a built in fuse, plus RF suppression plus an on-off switch. I highly recommend that approach, and those little gadgets are generally available at ham or computer swap meets for a buck or two.

Shielding the input and attenuator area is a bit tricky. I used thin circuit board material to build a box. W6ZH used copper flashing material, which is probably easier to work with.

I brought mine to show 'n tell at Pacificon last October, and got Paul Harden to lay his hands on it, so that explains why it works so well!

Now get building that thing!

72 de John W6SU

Date: Wed, 25 Mar 1998 16:35:25 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: tracy@bytemark.com
Cc: qrp-1@Lehigh.EDU
Subject: [6844] Re: Picnic Table Vertical
Message-ID: <199803252335.QAA12855@usr04.primenet.com>

Howdy,

Tracy (N4LGH) wrote:

> Today I decided to take advantage of the beautiful Florida afternoon and put
> up a 30 ft push-up pole I have been planning on making into a 40m vertical.
>
> [... SNIP ...]

>

> How would YOU guys go about feeding this antenna?

A ground-mounted 1/4-wave vertical with a good radial system should approach 36 ohms - Should give you about 1.6:1 SWR if you prune the radiating element for resonance. Just feed the puppy direct with 50-ohm coax! Works at my QTH anyway.

Even though the pole is only 25 ft AGL, can you tie off the rest of the 33 ft wire to a nearby tree? Otherwise you'll need a loading coil/hat for the antenna. I prefer to avoid that myself, but I'm needlessly retentive. ;-)

Good luck and happy radiating.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"What kind of sycophant are you?!"

"What kind of sycophant do you want me to be?"

- 101 Dalmations (the Movie)

Date: Wed, 25 Mar 1998 18:59:26 -0500 (EST)
From: kd4zkw <kd4zkw@amsat.org>
To: Bill Crowley <bcrow@carte.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6845] Re: Mobile noise
Message-ID: <Pine.LNX.3.95.980325185230.16776B-100000@danial.dialisdn.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 25 Mar 1998, Bill Crowley wrote:

> Bought an Alinco DX-70T yesterday and got it installed in my 96 GMC
> pickup (350 V8, automatic, ABS). The noise (I assume computer
> generated) is so fierce I can't hear a thing, at least on 40 meters, the
> only band I have tried so far. The noise blanker doesn't even make a
> dent in it. Any ideas???

First thing to check is the power cord. Is it running directly to the battery, and is it fused? If not, you could be picking up noise from spark plugs, alternator, on board computer, or any/all of the above. If wiring directly to the battery doesn't fix it (normally it does) then check with your local ham store or (gasp) cb outlet for filters

for various things. A good way to isolate it is whether or not power is on, and engine running, or off. If it makes noise while off, but key on, then it's probably electrical interference from the cab. If it only happens when the engine is running, then it might be coming from the plug wires, or the alternator. Does it increase/decrease with the rpm of the engine ? If so, there are filters that can be installed to squelch the engine noise.

My first advice still goes, tho. If it's not direct wired to the battery, then all of the above is a real possibility. It's alot cheaper to put in two extra wires, and wire the rig to a plug inside the cab than it is to bust out for filters, which might not cure it entirely. 73 de kd4zkw.

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-----  
| Curtis D. Levin kd4zkw      | kd4zkw@amsat.org | QRP-L #1488 |  
| cdlevin@dialisdn.com | http://www.diaisdn.net/user/cdlevin |  
| kd4zkw.ampr.org [44.98.2.22] Exp Ax25/Linux DPTNTv1.1a3 |  
| amprnet e-mail : kd4zkw@w4bqx.ampr.org |  
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Date: Wed, 25 Mar 1998 16:41:53 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [6846] [Fwd: Mobile noise]
Message-ID: <351933D1.FF7EE0AA@earthlink.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----6C2DB0166D3A940303A9F3DD"

This is a multi-part message in MIME format.
-----6C2DB0166D3A940303A9F3DD
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

--
72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ
-----6C2DB0166D3A940303A9F3DD
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Message-ID: <351933AE.F8FF9AFB@earthlink.net>

Date: Wed, 25 Mar 1998 16:41:18 +0000
From: Roger Hightower <n7kt@earthlink.net>
X-Mailer: Mozilla 4.02 [en]C-DIAL (Win95; U)
MIME-Version: 1.0
To: bcrow@carte.net
Subject: Re: Mobile noise
References: <3519BADB.59EF@carte.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill,

I had one of those, with some noise problems, but most of it went away when I (1) made sure there was a solid ground to the chassis of the vehicle, both for the rig and the antenna, and (2) installed a dedicated deep-cycle battery in the rear of my Cherokee. It's simple enough to recharge the battery in the evenings, and since you're isolated from the vehicle's electrical system, it seems to work.

My new Icom IC-706 doesn't seem to have any noise problems at all. I still do the things above, though.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

-----6C2DB0166D3A940303A9F3DD--

Date: Wed, 25 Mar 1998 17:53:36 -0600
From: Ed Manuel <n5em@flash.net>
To: Tracy@bytemark.com
Cc: qrp-l@Lehigh.EDU
Subject: [6847] Re: Picnic Table Vertical
Message-ID: <3.0.5.32.19980325175336.0086c390@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tracey,

What I would do is to hang a couple of insulated wires, connected at the top and hung from the top, that stop at the top of the table. IE, use the pole to support an insulated wire vertical using several conductors in parallel to broaden the bandwidth. Optimally, create a large guage top ring, say 4 to 6 inches in diameter (and insulated from the grounded pole) and solder the wires to that ring and another ring at table top or maybe 6 inches above the table top. Hook up a coil with a tap or a tuner and go

for it.

Another approach would be a folded monopole. That utilizes the grounded pole but avoids the shunt feed. You can find info on a folded monopole in any antenna book. Think of it as half a folded dipole. Use your tuner (ZM-1/2, of course) and crank.

Ed

At 06:24 PM 03/25/1998 -0500, you wrote:

>Today I decided to take advantage of the beautiful Florida afternoon and put up

>a 30 ft push-up pole I have been planning on making into a 40m vertical. I have

>a tripod mount that I was going to attach to a rather heavy mount and raise as

>I would need for use.

>

>During construction I was absolutely depressed when I saw that the hole in the

>tripod mount was not large enough for the push-up pole! Then I saw the picnic

>table ...

>

>It is a standard 6ft picnic table with a bench on each side, built in. It had a

>perfect hole in the middle for an umbrella ... I made it just a bit bigger with

>a large file and VIOLA!! I have not only an excellent mount but an operating position as well!!

>

>My 30ft pole sits about 4 ft in the ground, giving me about 25 ft of real

>vertical elevation. I'll be putting down an extensive radial system and ground

>rod, so that won't be a problem. I've built many verticals that were

>"insulated" from ground, this will be my first "grounded" ground mounted vertical.

>

>My question is this - What is "shunt feeding" and can anyone steer me to a schematic to see how it's done? If the vertical was "insulated" from ground I

>would feed it with a one to one UNUN.

>

>How would YOU guys go about feeding this antenna?

>

>I had one almost identical to it a few years back that I "insulated" from

>ground by mounting it a foot above ground on a 4x4 buried 6 ft. With three
40ft
>top-loaded radials it ran great on 160-10 when loaded with a matchbox or
>transformers.
>
>I also have a 50 ft push-up pole that will fit in the same hole. With the
top
>guys, it is very stable. Any thoughts on that one as well???
>
>I plan on using this as my QRP operating station for the summer, so I want
it
>to work pretty well. I've got my batteries all charging, the solder
melting ...
>grin
>
>Tracy, N4LGH
>#1453
>
>
>
>
Ed Manuel, N5EM
Houston, Texas
n5em@amsat.org
n5em@flash.net

Date: Wed, 25 Mar 1998 17:51:46 -0600
From: Glen Reid <k5hgb@flash.net>
To: QRP-1 List <qrp-1@Lehigh.EDU>
Subject: [6848] TEK 2225 O'scope Help Needed
Message-ID: <35199891.80223E4F@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have the opportunity to get a TEK 2225 scope from an estate sale at a
very good price---except, the scope has a problem. The seller is
graciously willing to let me price the fix for the problem prior to
closing the deal.

I have heard stories of a retired TEK employee who now earns spare money
by repairing scopes.

Can anyone direct me to this repair person?

Anyone ever used a 2225? Comments?

Thanks.

gr

--

GLEN REID

K5HGB/M(Zero)BGF

Austin, Texas

...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5hgb@flash.net

End of QRP-L Digest 1040
